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TABLE I.—ST. CROIX COUNTY, WISCONSIN (INCLUDING MINNESOTA EAST OF THE MISSISSIPPI), ACCORDING TO THE SIXTH CENSUS (1840)*

Items	Number, amounts and values	Items	Number, amounts and values
POPULATION:		FOREST PRODUCTS:	
Whites, male.....	510	Sugar, pounds.....	17,997
Whites, female.....	295	Wood sold, cords.....	275
Total whites.....	805	Lumber, value.....	\$2,000
Free negroes, male.....	3	Skins and furs.....	\$43,000
Free negroes, female.....	1	Men employed.....	90
Total free negroes.....	4		
Total.....	809	FISHERIES:	
LIVE STOCK AND PRODUCTS:		Pickled fish, barrels.....	4,282
Horses and mules.....	58	Fish oil.....	1,500
Cattle.....	434	Capital invested.....	\$54,000
Sheep.....	6	Men employed.....	127
Swine.....	187		
Poultry.....	130	MANUFACTURES:	
Dairy products.....	\$220	Number of sawmills.....	3
CROPS:		Number of men employed.....	77
Wheat, bushels.....	74	Value of vessels built.....	\$3,500
Barley, bushels.....	79	Men employed in furniture manufactures.....	9
Oats, bushels.....	258	Number of homes built.....	55
Corn, bushels.....	606	Number of men employed building houses.....	79
Potatoes, bushels.....	8,014	Value of building done.....	\$9,880
Hay, tons.....	447	Total capital invested in manufacturing.....	\$74,000
		COMMERCE:	
		Number of dry goods, grocery and other stores.....	7
		Capital invested.....	\$118,500

*This was the first census which made any report on agriculture.

TABLE II.—CENSUS OF MINNESOTA TERRITORY, JUNE 11, 1849*

County and Precinct	Males	Females	Total
1. St. Croix County:			
Stillwater precinct.....	455	154	609
Lake St. Croix Precinct.....	129	82	211
Marine Mills Precinct.....	142	31	173
St. Paul Precinct.....	540	300	840
Little Canada and St. Anthony Precinct.....	352	219	571
Osakis Rapids Precinct.....	92	41	133
Crow Wing Precinct.....	103	71	174
Crow Wing, east side.....	35	35	70
Falls of St. Croix Precinct.....	15	1	16
Snake River Precinct.....	58	24	82
Total civilians contained in ceded territory.....	1,921	958	2,879
2. Unorganized Territory:			
La Pointe County.....	12	10	22
Crow Wing and Long Prairie Precinct.....	235	115	350
Big Stone Lake and Lac qui Parle Precinct.....	33	35	68
Little Rock Precinct.....	20	15	35
Mendota.....	72	50	122
Crow Village (Kaposia).....	9	7	16
Red Wing's Village.....	20	13	33
Prairieville (Shakopee).....	9	13	22
Oak Grove.....	14	9	23
Black Dog's Village.....	7	11	18
Wabeshaw and Root River.....	78	36	114
Fort Snelling (civilians).....	26	12	38
Total civilians in unorganized territories.....	535	326	861
Total civilians in present area of Minnesota†.....	2,456	1,284	3,740
3. Fort Snelling and Fort Gaines (Ripley) soldiers, women and children	267	50	317
4. Outside present State:			
Pembina.....	295	342	637
Missouri River.....	49	37	86
Total outside present state†.....	344	379	723
Total for territory.....	3,067	1,713	4,780

*Journal of the House of Representatives, 1st sess., Appendix.

†Counting the Pembina settlement in Dakota, which it was in the main.

TABLE III.—CENSUS OF MINNESOTA TERRITORY IN 1850

Items	Benton County	Dakotah* County	Itasca County	Man- kahta* County	Pem- bina County	Ram- sey County	Waba- shaw* County	Wah- nahta* County	Wash- ington County	Minne- sota Territory
1. Whites, males.....	272	385	55	130	578	1,337	139	113	686	3,695
2. Whites, females.....	144	197	42	28	556	860	103	47	366	2,343
3. Total white population.....	416	582	97	158	1,134	2,197	242	160	1,052	6,038
4. Free colored, males.....	2	2	.....	.....	.....	13	1	.....	3	21
5. Free colored, females.....	.....	.....	.....	.....	.....	17	.....	.....	1	18
6. Total colored.....	2	2	.....	.....	.....	30	1	.....	4	39
7. Total population (except Indians).....	418	584	97	158	1,134	2,227	243	160	1,056	6,077†
8. Number born in Minnesota.....	151	248	42	14	379	448	107	14	186	1,589†
9. Others born in United States.....	183	147	48	77	26	1,215	102	113	600	2,511‡
10. Total native born.....	334	395	90	91	405	1,663	209	127	786	4,100‡
11. All others.....	84	189	7	67	729	564	34	33	270	1,977‡
12. Number of dwellings.....	71	78	23	16	188	384	55	26	161	1,002
13. Number of farms.....	20	.....	36	.....	17	19	8	9	48	157
14. Improved land in farms.....	405	.....	100	.....	77	458	439	642	2,914	5,035
15. Unimproved land in farms.....	4,540	.....	.....	.....	2,068	2,832	560	500	13,346	23,846
16. Total land in farms.....	4,945	.....	100	.....	2,145	3,290	999	1,142	16,250	28,881
17. Average size of farms.....	247	.....	25	.....	126	173	125	127	339	184
18. Value of farms.....	\$34,250	.....	.....	.....	\$4,400	\$32,270	\$8,100	\$5,064	\$77,864	\$161,948
19. Value of farm implements and machinery.....	\$2,495	.....	\$200	.....	\$415	\$1,723	\$1,675	\$1,430	\$8,043	\$15,981
20. Horses, asses and mules.....	59	.....	.....	.....	518	208	107	40	130	874
21. Milch cows.....	60	.....	100||	.....	145	34	59	13	196	607
22. Other cattle.....	186	.....	2	.....	267	129	205	74	532	1,395
23. Sheep.....	.....	.....	.....	.....	2	45	26	.....	7	80
24. Swine.....	42	.....	.....	.....	13	99	227	.....	353	734
25. Value of live stock.....	\$11,925	.....	\$995	.....	\$45,295	\$5,005	\$7,585	\$6,365	\$15,689	\$92,859
26. Value of animals slaughtered.....	.....	.....	.....	.....	.....	.....	\$1,950	.....	\$890	\$2,840
Produce during year ending June 1, 1850:										
27. Wheat, bushels.....	.....	.....	10	.....	100	390	200	150	551	1,401
28. Rye, bushels.....	.....	.....	.....	.....	.....	.....	100	.....	25	125
29. Corn, bushels.....	160	.....	90	.....	60	1,615	1,855	1,115	11,830	16,725
30. Oats, bushels.....	60	.....	.....	.....	.....	6,260	1,000	.....	23,262	30,582
31. Barley, bushels.....	.....	.....	.....	.....	.....	20	.....	.....	1,196	1,216
32. Buckwheat, bushels.....	.....	.....	.....	.....	.....	.....	325	.....	190	515
33. Peas and beans, bushels.....	.....	.....	10	.....	.....	9,585†	250	.....	157	10,002
34. Total cereals and legumes (items 27-33).....	220	.....	110	.....	160	17,870	3,730	1,265	37,211	60,566
35. Potatoes, bushels.....	3,650	.....	1,050	.....	.....	7,105	.....	.....	9,340	21,145
36. Sweet potatoes, bushels.....	.....	.....	.....	.....	.....	200	.....	.....	.....	200
37. Total field crops (items 34-36).....	3,870	.....	1,160	.....	160	18,070	10,835	1,235	46,551	81,911
38. Hay, tons.....	1,121	.....	43	.....	.....	100	.....	.....	755	2,019
39. Market gardens, value of produce.....	.....	.....	.....	.....	.....	.....	.....	.....	\$150	\$150
40. Butter, pounds.....	.....	.....	.....	.....	.....	.....	.....	.....	1,100	1,100
41. Wool, pounds.....	.....	.....	.....	.....	.....	.....	75	.....	10	85
42. Beeswax and honey, pounds.....	.....	.....	.....	.....	.....	.....	75	.....	5	80
43. Maple sugar, pounds.....	.....	.....	.....	.....	.....	.....	2,950	.....	.....	2,950
Occupations	Agri- culture	Labor, not agri- cultural	Domes- tic service	Navig- ation	Trade, mfg. and mining	Learned profes- sions	Gov- ern- ment service	Army	Other occu- pations	Total of all occu- pations
43a. Occupations of free male inhabitants**.....	563	751	15	4	656	105	59	163	20	2,336

*Spellings follow the Census of 1850.

†Subdivisions of counties are only partially indicated, incorporated places not being consistently distinguished, viz.: Mankato County—Fort Gaines (Ripley) 143, Gull Lake 15; Ramsey County—Little Canada (precinct) 104, St. Anthony (village) 538, St. Paul (precinct) 228, St. Paul (village) 1,112, Snake River 39; Wahnahta County—Long Prairie 160; Washington County—Marion (Marine) 114, St. Croix Falls 68, St. Croix (precinct) 253, Stillwater 621.

‡These county figures from Compendium of the Seventh Census, p. 333, agree with the figures in the quarto volume of the census, p. 996, but disagree with totals for the territory on pp. 116-118 of the Compendium. The discrepancies are as follows:

	Pages 116- 118 of Compendium	Page 996 of Quarto
Born in Minnesota.....	1,334	1,589
Born in U. S. outside Minnesota.....	2,673	2,511
Total native born.....	4,007	4,100
All others.....	2,070	1,977
Total.....	6,077	6,077

In the second column, the figures for those born in Minnesota include three marked "unknown" in the quarto, in order to make possible the assignment of native born to counties. According to p. 118 of the Compendium about three fourths (1,417) of the foreign born came from British North America.

§Contemporary writers called this an obvious error, but it may be correct as it refers only to horses on farms.

||Either a bad guess by the enumerator or an error by addition of a cipher. The proportion of cows to other cattle reported is biologically impossible.

†Evidently an error in the census. Either 85 or 95 bushels would be more reasonable. Ten years later Ramsey County produced only 129 bushels and the entire state only 18,988 bushels of peas and beans.

**The occupations of these 2,336 males were also reported by separate trades, the principal being: laborers, 599; farmers, 340; hunters, 207; carpenters, 188; lumbermen, 126; merchants, 87; clerks, 58; traders (fur?), 52; smiths, 49; masons, 37; lawyers, 23; teamsters, 21; voyageurs, 20.

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TABLE III.—Continued

Manufactures*	Number of establishments	Capital	Cost of raw material	Hands employed	Cost of labor	Volume of products
44. Gristmills.....	1	\$2,000	\$500	1	\$240	\$500
45. Sawmills.....	4	\$92,000	\$23,800	62	\$18,300	\$57,800
46. Total for territory.....	5	\$94,000	\$24,300	63	\$18,540	\$58,300

*From Abstract of Statistics of Manufactures, 1850 (Exec. Doc. 1858-59, vol. 10). These figures, which differ somewhat from those in the Compendium of the Seventh Census are used as being later—though unfortunately not given on a county basis.

TABLE IV.—FIELD CROPS IN MINNESOTA IN 1859, ACCORDING TO THE CENSUS OF 1860

Crops	Yield in bushels	Percentage of total
I. Cereals and legumes:		
1. Wheat.....	2,186,973*	21.622
2. Rye.....	121,411	1.200
3. Oats.....	2,176,002	21.513
4. Rice.....	730†	.007
5. Barley.....	119,568*	1.182
6. Buckwheat.....	28,052	.277
7. Corn.....	2,941,952	29.086
8. Peas and beans.....	18,988	.188
9. Total cereals and legumes.....	7,593,676	75.076
II. Root crops:		
10. Irish potatoes.....	2,516,485*	24.880
11. Sweet potatoes.....	792	.007
12. Total potatoes.....	2,517,277	24.887
III. Other field crops:		
13. Flaxseed.....	118	.001
14. Clover seed.....	351*	.003
15. Grass seed.....	3,255*	.033
16. Total miscellaneous crops.....	3,724	.037
17. Total field crops.....	10,114,677	100.000

*Corrected footing of the county figures given in the census. The totals printed in the census are: wheat, 2,186,923; barley, 109,658; potatoes, 2,565,485; clover seed, 432; and grass seed, 3,182 bushels. The county figures are here accepted, though it is of course possible that the errors are in the county figures rather than the totals of the census. At best the census of Minnesota in 1860 is a chaos of conflicting figures.

†3,286 pounds reported. Equivalent to 730 bushels of 45 pounds.

TABLE V.—ACREAGE AND YIELD OF THE PRINCIPAL CROPS IN MINNESOTA FOR THE 1860 GROWING SEASON*

Items	Acres planted	Per cent of improved land in each crop	Production (in bushels)	Per cent each crop formed of total
Improved land in crops:				
1. Wheat.....	230,315	42.11†	5,101,432	36.13
2. Corn.....	88,126	16.11	3,143,577	22.26
3. Oats.....	68,714	12.56	2,912,857	20.63
4. Potatoes.....	16,687	3.05	2,303,308	16.31
5. Rye.....	13,276	2.43	286,125	2.03
6. Barley.....	9,073	1.66	301,539	2.14
7. Buckwheat.....	3,618	.66	56,929	.40
8. Beans.....	694	.13	10,932	.08
9. Timothy seed.....	1,597	.29	2,779	.02
10. Sorghum.....	159	.03	.....	.....
11. Total for crops listed.....	432,259	79.03	14,119,478‡	100.00
12. Other improved land.....	114,692	20.97		
13. Total.....	546,951	100.00		

*Based on Second Report of Minnesota Commissioner of Statistics for 1860-61, pp. 54-55.

†Equivalent to 51.15 per cent of all tilled land.

‡There was also an output of 11,830 gallons of sorghum syrup.

APPENDIX

TABLE VI.—NUMBER OF THE SEVERAL KINDS OF LIVE STOCK FOR THE STATE AS A WHOLE*

	1860	1864	1865	1866	1867	1868	1869
Horses.....	17,065	44,002	52,053	67,119	80,132	87,894	98,980
Cattle.....	119,357†	206,270	202,730	200,140	230,302	247,197	275,977
Mules and asses.....	377				1,630	1,976	2,450
Sheep.....	13,044	97,241	161,187	193,045	182,284	153,927	135,450
Hogs.....	101,371‡	75,057	74,118	94,747	113,404	96,041	109,000

*Figures from census of 1860 for year 1860; from Minn. Statistics, 1869-71, page 44, for years 1864-1869.

†Corrected total to agree with the county items in the census.

‡This figure of 101,371 is given by the census of 1860 as "swine," while the figures from Minn. Statistics are for "hogs," the latter apparently excluding spring pigs.

TABLE VII.—CROPS OF 1868*

Crops	Acres tilled	Per cent of land tilled	Yield	Per cent of total yield of bushel crops
Wheat.....	858,316	61.862	15,381,022	49.191
Oats.....	212,064	15.284	7,831,523	25.046
Barley.....	18,150	1.308	518,500	1.658
Rye.....	2,713	.196	52,100	.167
Buckwheat.....	1,538	.111	25,292	.081
Total small grains.....	1,092,781	78.761	23,808,437	76.143
Corn.....	129,909	9.363	4,849,936	15.511
Beans.....	1,027	.074	13,371	.043
Total cereals and legumes.....	1,223,717	88.198	28,671,744	91.697
Flaxseed.....			3,345	.011
Clover seed.....			232	.001
Potatoes.....	24,475	1.764	2,592,636	8.291
Other bushel crops.....				
Total bushel crops.....			31,267,957	100.000
Hay, tons.....			430,750	
Flax fiber, pounds.....			101,237	
Tobacco, pounds.....			11,293	
Sorghum syrup, gallons.....			81,375	
Maple syrup, gallons.....			14,105	
Maple sugar, pounds.....			250,467	
Wool, pounds.....			422,500	
Butter, pounds.....			4,475,000	
Cheese, pounds.....			166,182	
Other products, value.....			\$230,120	

*Minn. Statistics, 1869, page 6.

TABLE VIII.—YIELD AND VALUE OF FARM PRODUCTS, 1868-69*

Products	Yield 1868	Yield 1869	Average price 1868	Average price 1869	Value 1868	Value 1869	Per cent of value 1868	Per cent of value 1869
Wheat, bushels.....	15,381,022	18,500,000	\$0.85	\$0.60	\$13,073,868.70	\$11,100,000.00	50.25	47.46
Oats, bushels.....	7,831,523	12,310,315	.50	.30	3,915,761.50	3,693,094.50	15.05	15.79
Barley, bushels.....	518,500	813,120	1.00	.60	518,500.00	487,872.00	1.99	2.09
Rye, bushels.....	52,100	50,000	.60	.45	31,260.00	22,500.00†	.12	.10
Buckwheat, bushels.....	25,292	28,900	.90	.90	22,762.80	26,010.00	.09	.11
Total small grains, bushels.....	23,808,437	31,702,335			17,562,153.00	15,329,476.50	67.50	65.55
Corn, bushels.....	4,849,936	5,250,000	.70	.40	3,394,955.20	2,100,000.00	13.06	8.98
Beans, bushels.....	13,371	14,000	1.60	1.00	21,393.60†	14,000.00	.08	.06
Total cereals and legumes, bushels.....	31,267,957	36,966,335			20,978,501.80	17,443,476.50	80.64	74.59
Potatoes, bushels.....	2,592,636	2,934,000	\$0.40	\$0.55	\$1,037,054.40	\$1,613,700.00	3.98	6.90
Hay, tons.....	430,750	410,000	6.00	7.00	2,584,500.00	2,870,000.00	9.93	12.27
Wool, pounds.....	422,500	425,000	.25	.23	105,625.00	97,750.00	.41	.42
Butter, pounds.....	4,475,000	5,750,000	.20	.17	895,000.00	977,500.00	3.44	4.18
Cheese, pounds.....	166,182	158,000	.20	.15	33,236.40†	23,700.00†	.13	.10
Other products.....					383,368.00	360,000.00	1.47	1.54
Total values.....					\$26,042,212.90	\$23,386,126.50	100.00	100.00

*Minn. Statistics, 1869, pp. 48-49. For these years the Assistant Secretary of State added an arbitrary amount (five per cent for 1868 and four per cent for 1869) to the figures reported by the assessors, in order to cover assumed deficiencies in the reports.

†Corrected total for the yield given in table, p. 49, Minn. Statistics, 1869, according to price there quoted.

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TABLE IX.—CROPS OF 1869 AND 1871, ACCORDING TO MINNESOTA STATISTICS FOR 1870 AND 1872

Crops	1869*			1871†		
	Acreage	Per cent of land cultivated	Yield	Acreage	Per cent of land cultivated	Yield
Wheat.....	937,029	60.1	Bushels 16,587,621	1,096,578	58.5	Bushels 13,467,300
Oats.....	260,715	16.7	9,785,959	334,798	17.9	10,689,484
Barley.....	31,695	2.0	851,113	64,558	3.4	1,627,007
Rye.....	4,428	.3	72,281	8,061	.4	130,928
Buckwheat.....	2,746	.2	46,038	3,597	.2	54,152
Total, small grains.....	1,236,613	79.3	27,343,012	1,507,592	80.4	25,968,871
Corn.....	136,492	8.8	4,194,965	200,124	10.7	7,076,268
Beans.....	1,829	.1	27,661	1,506	.1	19,658
Total, cereals and legumes.....	1,374,934	88.2	31,565,638	1,709,222	91.2	33,064,797
Potatoes.....	19,833	1.3	1,488,428	21,429	1.1	2,153,536
All other crops.....	164,306	10.5	144,349	144,349	7.7	.....
Total, all crops.....	1,559,073	100.0	.....	1,875,000	100.0	.....
Sorghum syrup, gallons.....	.....	.....	33,191	.....	.....	73,425
Maple sugar, pounds.....	.....	.....	205,702	.....	.....	141,982
Maple syrup, gallons.....	.....	.....	14,815	.....	.....	22,923
Honey, pounds.....	.....	.....	93,651	.....	.....	229,679
Hay, wild, tons.....	.....	.....	532,183	.....	.....	603,146
Hay, cultivated, tons.....	.....	.....	61,951	.....	.....	82,456
Hops, pounds.....	.....	.....	280,048	.....	.....	64,243
Flax fiber, pounds.....	.....	.....	15,106	.....	.....	235,548
Flaxseed, bushels.....	.....	.....	7,801	.....	.....	14,421
Timothy seed, bushels.....	.....	.....	2,279	.....	.....	15,823
Butter, pounds.....	.....	.....	6,552,455	.....	.....	7,356,768
Cheese, pounds.....	.....	.....	321,969	.....	.....	469,147
Wool, pounds.....	.....	.....	382,902	.....	.....	355,232
Value of miscellaneous garden products.....	.....	.....	\$312,626	.....	.....	.....

*Minn. Statistics, 1871, p. 6. For this year the Assistant Secretary of State added an arbitrary amount—four per cent to the figures reported by the assessors in order to cover assumed deficiencies in the report. The corrected figures (see p. 10) are here given.

†Taken from Minn. Statistics, 1872, pp. 7-9.

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TABLE X—IMPROVED AND UNIMPROVED

COUNTIES	1850			1860			1870			1880				
	Land in farms, acres	Improved land, acres	Per cent of land in farms improved	Land in farms, acres	Improved land, acres	Per cent of land in farms improved	Land in farms, acres	Improved land, acres	Per cent of land in farms improved	Area, acres	Land in farms, acres	Per cent in farms	Improved land, acres	Per cent of land area improved
1 Aitkin.....							307	6	2.0	1,171,200	1,848	0.2	216	•
2 Anoka.....				28,310	4,364	15.4	46,575	8,434	18.1	293,760	100,233	34.1	37,598	12.8
3 Becker.....							1,010	267	26.4	863,360	113,895	13.2	40,116	4.6
4 Beltrami.....										3,098,240		0.0		0.0
5 Benton.....	4,945	405	8.2	10,109	2,975	29.4	9,788	2,553	26.1	259,200	69,480	26.8	18,396	7.1
6 Big Stone.....							13	13	100.0	314,240	106,111	33.8	22,110	7.0
7 Blue Earth.....				70,835	12,274	17.3	279,144	102,295	36.6	487,680	363,148	74.5	269,512	55.3
8 Breckenridge.....														
9 Brown.....				39,914	4,912	12.3	138,189	33,821	24.5	391,680	198,433	50.7	140,162	35.8
10 Buchanan.....														
11 Carlton.....				640	71	11.1				554,880	13,522	2.4	2,150	0.4
12 Carver.....				109,003	13,119	12.0	167,983	34,047	20.3	240,640	198,493	82.5	93,134	38.7
13 Cass.....							224	74	33.0	2,282,880	10,706	0.5	787	•
14 Chippewa.....							13,055	9,524	73.0	378,240	103,828	27.5	64,077	16.9
15 Chisago.....				22,132	3,648	16.5	42,597	8,004	18.8	273,280	103,789	38.0	31,194	11.4
16 Clay.....							850	22	2.6	667,520	157,341	23.6	49,535	7.4
17 Clearwater.....														
18 Cook.....										958,720	332	•	20	•
19 Cottonwood.....				320	60	18.8	6,377	782	12.3	409,600	171,413	41.8	69,504	17.0
20 Crow Wing.....							674	380	56.4	353,280	3,937	1.1	1,372	0.4
21 Dakota.....				143,434	39,071	27.2	261,766	162,503	62.1	383,360	295,642	77.1	231,017	60.3
22 Dodge.....				78,682	15,305	19.5	151,081	74,540	49.3	281,600	226,334	80.4	193,951	68.9
23 Douglas.....				3,604	577	16.0	111,696	13,982	12.5	414,720	219,920	53.0	71,540	17.3
24 Faribault.....				15,855	4,156	26.2	240,103	68,027	28.3	460,160	312,435	67.9	225,548	49.0
25 Fillmore.....				291,996	75,542	25.9	399,546	185,087	46.3	585,520	495,433	89.2	361,100	65.0
26 Freeborn.....				60,861	7,953	13.1	225,877	69,048	30.6	470,400	349,831	74.4	256,156	54.5
27 Goodhue.....				128,412	27,317	21.3	349,376	217,028	62.1	490,880	428,165	87.2	348,269	70.9
28 Grant.....							10,917	864	7.9	353,920	99,547	28.1	32,567	9.2
29 Hennepin.....				160,701	30,365	18.9	199,543	64,704	32.4	361,600	256,722	71.0	142,719	39.5
30 Houston.....				92,272	20,126	21.9	160,659	67,824	42.2	364,800	283,976	77.8	145,530	39.9
31 Hubbard.....														
32 Isanti.....				4,289	559	13.0	50,480	7,614	15.1	282,880	93,903	33.2	26,043	9.2
33 Itasca.....	100	100	100.0							3,757,440		0.0		0.0
34 Jackson.....				800	130	16.3	32,940	5,391	16.4	449,280	116,528	25.9	60,462	13.5
35 Kanabec.....				1,015	145	14.3	120	50	41.7	341,760	8,680	2.5	837	0.2
36 Kandiyohi.....				902	109	12.1	31,849	6,199	19.5	512,640	235,470	45.9	157,847	30.8
37 Kittson.....										1,779,840	23,868	1.3	2,144	0.1
38 Koochiching.....														
39 Lac qui Parle.....							268	268	100.0	505,600	207,660	41.1	56,712	11.2
40 Lake.....							633	111	17.5	1,343,360	2,146	0.2	273	•
41 Le Sueur.....				127,128	14,271	11.2	175,817	37,245	21.2	298,240	222,109	74.5	110,373	37.0
42 Lincoln.....										342,400	122,560	35.8	24,071	7.0
43 Lyon.....										453,120	181,897	40.1	69,955	15.4
44 McLeod.....				25,234	3,385	13.4	138,020	21,447	15.5	317,440	216,081	68.1	139,354	43.9
45 Mahanomen.....														
46 Mankato.....														
47 Manomin.....				2,122	867	40.9				1,144,320	46,799	4.1	5,127	0.4
48 Marshall.....										460,160	154,376	33.5	55,373	12.0
49 Martin.....				1,266	201	15.9	112,759	19,453	17.3	397,440	219,737	55.3	128,277	32.3
50 Meeker.....				19,415	2,377	12.2	120,603	21,538	17.9	373,120	19,324	5.2	6,696	1.8
51 Mille Lacs.....				1,303	86	6.6	14,435	1,784	12.4					
52 Monongalia.....				2,355	497	21.1	84,727	17,376	20.5					
53 Morrison.....				8,135	2,051	25.2	17,207	3,497	20.3	731,520	125,171	17.1	35,835	4.9
54 Mower.....				36,351	7,964	21.9	160,266	65,522	40.9	455,040	344,781	75.8	275,528	60.6
55 Murray.....				480	40	8.3	2,407	413	17.2	450,560	111,445	24.7	30,141	6.7
56 Nicollet.....				65,639	9,753	14.9	134,006	50,828	37.9	283,520	218,794	77.2	178,610	63.0
57 Nobles.....										462,080	141,847	30.7	67,745	14.7
58 Norman.....														
59 Olmsted.....				182,486	51,138	28.0	335,701	202,008	60.2	426,240	387,236	90.8	322,414	75.6
60 Otter Tail.....				2,424	306	12.6	32,530	3,637	11.2	1,304,960	472,159	36.2	131,804	10.1
61 Pembina.....	2,145	77	3.6											
62 Pennington.....														
63 Pierce.....														
64 Pine.....				997	110	11.0	170	45	26.5	904,320	6,129	0.7	1,400	0.2
65 Pipestone.....										300,160	90,007	30.0	21,861	7.3
66 Polk.....				2,140	440	20.6				2,848,000	377,657	13.3	122,563	4.3
67 Pope.....							92,745	12,646	13.6	443,520	171,999	38.8	79,822	18.0
68 Ramsey.....	3,290	458	13.9	17,840	5,219	29.3	24,017	10,224	42.6	103,040	42,336	41.1	24,853	24.1
69 Red Lake.....														
70 Redwood.....							4,655	1,074	23.1	563,840	177,692	31.5	65,242	11.6
71 Renville.....				7,728	555	7.2	74,802	9,728	13.0	625,920	231,407	37.0	95,315	15.2
72 Rice.....				136,344	48,810	35.8	207,416	94,475	45.5	316,800	276,120	87.2	188,103	59.4
73 Rock.....							3,093	463	15.0	314,880	156,152	49.6	76,073	24.2
74 Roseau.....														
75 Saint Louis.....				2,505	335	13.4				4,161,920	12,960	0.3	3,403	0.1
76 Scott.....				80,626	14,535	18.0	153,398	46,566	30.4	234,240	193,032	82.4	108,597	46.4
77 Sherburne.....				22,927	7,823	34.1	49,163	7,877	16.0	286,720	90,354	31.5	39,205	13.7

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LAND BY COUNTIES, 1850-1910

1890						1900						1910						Counties
Area, acres	Land in farms, acres	Per cent in farms	Improved land, acres	Per cent of land area improved	Per cent of land in farms improved	Area, acres	Land in farms, acres	Per cent in farms	Improved land, acres	Per cent of land area improved	Per cent of land in farms improved	Area, acres	Land in farms, acres	Per cent in farms	Improved land, acres	Per cent of land area improved	Per cent of land in farms improved	
1,171,200	24,178	2.1	2,689	0.2	11.1	1,171,200	112,712	9.6	20,707	1.8	18.4	1,171,200	175,796	15.0	34,750	3.0	19.8	1
293,760	174,171	59.3	41,326	14.1	23.7	293,760	174,698	59.5	87,072	29.6	49.8	293,760	203,097	69.1	101,575	34.9	50.0	2
863,360	198,393	23.0	71,239	8.3	35.9	863,360	304,968	35.3	144,459	16.7	47.4	863,360	354,995	41.1	178,892	20.7	50.4	3
3,098,240	8,779	0.3	129	*	1.5	3,098,240	186,716	6.0	23,622	0.8	12.7	2,446,080	223,764	9.1	33,253	1.4	14.9	4
259,200	110,168	42.5	49,237	19.0	44.7	259,200	180,017	69.5	90,595	35.0	50.3	259,200	195,187	75.3	108,847	41.2	55.8	5
314,240	173,990	55.4	102,653	32.7	59.0	314,240	276,968	88.1	243,724	77.6	88.0	314,240	282,959	90.0	242,737	77.6	85.8	6
487,680	406,523	83.4	350,954	72.0	86.3	487,680	450,612	92.4	364,138	74.7	80.8	487,680	448,885	92.0	358,895	73.6	80.0	7
391,680	297,683	76.0	240,613	61.4	80.8	391,680	372,680	95.1	313,492	80.0	84.1	391,680	365,311	93.3	307,678	78.6	84.2	8
554,880	14,665	2.6	2,334	0.4	15.9	554,880	67,092	12.1	13,554	2.4	20.2	554,880	120,505	21.7	27,518	5.0	22.8	9
240,640	208,380	86.6	99,221	41.2	47.6	240,640	216,868	90.1	121,224	50.4	55.9	240,640	216,391	89.9	128,452	53.4	59.4	10
1,946,240	14,551	0.7	2,839	0.1	19.5	1,346,560	104,577	7.8	20,585	1.5	19.7	1,346,560	147,081	10.9	40,262	3.0	27.4	11
378,240	215,580	57.0	129,658	34.3	60.1	378,240	342,301	90.5	308,700	81.6	90.2	378,240	341,736	90.3	299,887	79.3	87.8	12
273,280	145,125	53.1	43,476	15.9	30.0	273,280	214,778	78.6	85,277	31.2	39.7	273,280	225,773	82.6	104,670	38.3	46.4	13
667,520	281,869	42.2	161,147	24.1	57.2	667,520	546,636	81.9	438,802	65.7	80.3	667,520	531,422	79.6	435,848	65.3	82.0	14
958,720	1,196	0.1	35	*	2.9	958,720	5,523	0.6	327	*	5.9	958,720	17,616	2.6	40,545	6.2	23.2	15
409,600	208,078	50.8	124,371	30.4	59.8	409,600	370,715	90.5	341,627	83.4	92.2	409,600	371,496	90.7	338,668	82.7	91.2	16
353,280	90,286	25.6	13,202	3.7	14.6	676,480	170,509	25.2	36,179	5.3	21.2	676,480	168,771	24.9	51,989	7.7	30.8	20
383,360	291,786	76.1	237,029	61.8	81.2	383,360	332,298	86.7	272,490	71.1	82.0	383,360	329,801	86.0	259,793	67.8	78.8	21
281,600	221,878	78.8	191,855	68.1	86.5	281,600	258,979	92.0	219,508	78.0	84.8	281,600	261,863	93.0	226,580	80.5	86.5	22
414,720	306,836	74.0	118,590	28.6	38.6	414,720	348,302	84.0	192,084	46.3	55.1	414,720	354,379	85.4	219,729	53.0	62.0	23
460,160	370,849	80.6	316,354	68.7	85.3	460,160	442,042	96.1	394,000	85.6	89.1	460,160	433,481	94.2	384,265	83.5	88.6	24
555,520	474,753	85.5	357,083	64.3	75.2	555,520	521,261	93.8	389,386	70.1	74.7	555,520	518,814	93.4	391,336	70.4	75.4	25
470,400	368,302	78.3	274,472	58.3	74.5	470,400	436,748	92.8	342,876	72.9	78.5	470,400	413,711	87.9	323,677	69.9	79.4	26
490,880	446,723	91.0	363,037	74.0	81.3	490,880	470,062	95.8	374,593	76.3	79.7	490,880	462,052	94.1	359,998	73.3	77.9	27
353,920	204,052	57.7	116,845	33.0	57.3	353,920	284,039	80.3	221,610	62.6	78.0	353,920	296,484	83.8	257,382	72.7	86.8	28
361,600	253,353	70.1	141,907	39.2	56.0	361,600	297,052	82.1	197,570	54.6	66.5	361,600	284,378	78.6	189,721	52.5	66.7	29
364,800	280,513	76.9	155,698	42.7	55.5	364,800	331,986	91.0	169,810	46.5	51.1	364,800	327,094	89.7	174,020	47.7	53.2	30
336,640	34,999	10.4	16,706	5.0	47.7	613,120	99,143	16.2	29,509	4.8	29.8	613,120	151,984	24.8	55,699	9.0	36.6	31
282,880	146,770	51.9	38,396	13.6	26.2	282,880	221,576	78.3	85,747	30.3	38.7	282,880	237,642	84.0	109,642	38.7	46.1	32
3,757,440	2,327	0.1	426	*	18.3	3,757,440	27,641	0.7	4,274	0.1	15.5	1,747,200	108,380	6.2	13,636	0.9	12.6	33
449,280	215,172	47.9	121,682	27.1	56.6	449,280	404,014	89.9	354,253	78.8	87.7	449,280	411,339	91.6	354,715	79.0	86.2	34
341,760	20,450	6.0	3,369	1.0	16.5	341,760	127,475	37.3	13,832	0.4	10.9	341,760	116,370	34.1	37,370	10.9	32.1	35
512,640	310,656	60.6	213,356	41.6	68.7	512,640	443,146	86.4	340,722	66.5	76.9	512,640	463,345	90.4	369,603	72.0	79.8	36
1,779,840	231,330	13.0	117,319	6.6	50.7	711,040	339,677	47.8	205,544	28.9	60.5	711,040	372,066	52.3	287,389	40.4	77.2	37
505,600	319,876	63.3	210,259	41.6	65.7	505,600	454,705	89.9	391,711	77.5	86.1	505,600	464,102	91.8	403,125	79.7	86.9	39
1,343,360	1,176	0.1	262	*	22.3	1,343,360	2,435	0.2	243	*	10.0	1,343,360	22,279	1.7	2,381	0.2	10.7	40
298,240	272,821	91.5	135,821	45.5	49.8	298,240	288,609	96.8	148,939	49.9	51.6	298,240	261,945	87.8	163,117	54.7	62.3	41
342,400	179,180	52.3	102,239	29.9	57.1	342,400	300,274	87.7	237,636	69.4	79.1	342,400	306,129	89.4	249,332	72.8	81.4	42
453,120	253,083	55.9	141,335	31.2	55.8	453,120	398,432	87.9	334,236	73.8	83.9	453,120	401,546	88.6	344,172	76.0	85.7	43
317,440	271,348	85.5	199,260	62.8	73.4	317,440	302,091	95.2	223,943	70.5	74.1	317,440	298,961	94.2	239,925	75.6	80.3	44
1,144,320	327,400	28.6	156,377	13.7	47.8	1,144,320	543,190	47.5	340,882	29.8	62.8	1,144,320	567,865	49.6	380,677	33.3	67.0	45
460,160	259,703	56.4	148,522	32.3	57.2	460,160	420,792	91.4	383,459	83.3	91.1	460,160	427,727	93.0	376,804	81.9	88.1	46
397,440	301,603	75.9	153,839	38.7	51.0	397,440	345,982	87.1	258,314	65.0	74.7	397,440	358,423	90.2	270,542	68.1	75.5	47
373,120	30,111	8.1	10,926	2.9	36.3	373,120	95,660	25.6	31,406	8.4	32.8	373,120	123,647	33.1	48,438	13.0	39.2	48
731,520	209,358	28.6	68,483	9.4	32.7	731,520	331,816	45.4	148,355	20.3	44.7	731,520	374,728	51.2	184,150	25.2	49.1	49
455,040	367,059	80.7	281,486	61.9	76.7	455,040	432,906	95.1	394,801	86.8	91.2	455,040	428,428	94.1	391,592	86.1	91.4	50
450,560	186,586	41.4	114,307	25.4	61.3	450,560	385,061	85.5	338,656	75.2	87.9	450,560	401,048	89.0	355,643	78.9	88.7	51
283,520	258,333	91.1	201,988	71.2	78.2	283,520	272,290	96.0	209,259	73.8	76.9	283,520	262,212	92.5	189,677	66.9	72.3	52
462,080	232,194	50.2	159,206	34.5	68.6	462,080	420,213	90.9	298,238	64.5	71.0	462,080	418,200	90.5	388,156	84.0	92.8	53
916,480	323,191	35.3	182,628	19.9	56.5	916,480	428,985	46.0	316,597	34.5	73.8	916,480	418,534	76.0	314,778	57.2	75.2	54
426,240	368,552	86.5	311,257	73.0	84.5	426,240	405,889	95.2	327,419	76.8	80.7	426,240	393,620	92.3	316,184	74.2	80.3	55
1,304,960	716,555	54.9	311,175	23.8	43.4	1,304,960	944,732	72.4	505,358	38.7	53.5	1,304,960	996,535	76.4	592,598	45.4	59.5	56
904,320</																		

APPENDIX

TABLE X—IMPROVED AND UNIMPROVED

COUNTIES	1850			1860			1870			1880					
	Land in farms, acres	Improved land, acres	Per cent of land in farms improved	Land in farms, acres	Improved land, acres	Per cent of land in farms improved	Land in farms, acres	Improved land, acres	Per cent of land in farms improved	Area, acres	Land in farms, acres	Per cent in farms	Improved land, acres	Per cent of land area improved	Per cent of land in farms improved
78 Sibley				86,012	7,767	9.0	151,721	31,275	20.6	374,400	212,307	56.7	123,965	33.1	58.4
79 Stearns				115,908	17,580	15.2	341,019	55,182	16.2	871,680	453,862	52.1	186,651	21.4	41.1
80 Steele				57,911	9,509	16.4	118,377	47,738	40.3	275,840	243,362	88.2	193,001	70.0	79.3
81 Stevens							7,131	745	10.4	360,960	153,742	42.6	65,093	18.0	42.3
82 Swift										474,240	222,316	46.9	80,783	17.0	36.3
83 Todd				13,412	777	5.8	31,614	3,762	11.9	612,480	145,720	23.8	47,496	7.8	32.6
84 Toombs															
85 Traverse							320	20	6.3	363,520	99,495	27.4	16,240	4.5	16.3
86 Wabasha	999	439	43.9	129,834	24,055	18.5	275,294	136,500	49.6	346,240	302,866	87.5	214,163	61.9	70.7
87 Wadena							136	6	4.4	344,320	38,726	11.2	8,310	2.4	21.5
88 Wahnahta	1,142	642	56.2												
89 Waseca				31,674	5,525	17.4	145,726	49,259	33.8	275,840	223,736	81.1	177,388	64.3	79.3
90 Washington	16,260	2,914	17.9	59,222	18,611	31.4	104,902	48,471	46.2	254,080	169,748	66.8	104,257	41.0	61.4
91 Watonwan							54,218	16,720	30.8	277,760	89,476	32.2	60,795	21.9	67.9
92 Wilkin							9,042	906	10.0	476,800	95,803	20.1	19,886	4.2	20.8
93 Winona				113,416	28,798	25.4	271,455	136,584	50.3	407,680	335,160	82.2	219,681	53.9	65.5
94 Wright				95,048	10,087	10.6	101,296	23,631	23.3	442,240	254,910	57.6	99,489	22.5	39.0
95 Yellow Medicine										479,360	178,860	37.3	69,157	14.4	38.7
96 Indian Reservations															
Totals for the State	28,881	5,035	17.4	2,711,968	556,250	20.5	6,483,828	2,322,102	35.8	51,749,120	13,403,019	25.9	7,246,693	14.0	54.1

* Less than 1/10 of 1 per cent.

TABLE XI—POPULATION IN MINNESOTA

COUNTIES	1850				1860				1870				1880			
	Country	Villages under 2,500	Total		Country	Villages under 2,500	Cities and villages over 2,500	Total	Country	Villages under 2,500	Cities and villages over 2,500	Total	Country	Villages under 2,500	Cities and villages over 2,500	Total
1 Aitkin				2				2	178			178	366			366
% of increase									8800.0%				105.6%			
2 Anoka				1,504	602			2,106	2,442	1,498		3,940	4,402		2,706	7,108
% of increase									62.4%				80.8%			
3 Becker				386				386	308			308	4,441	777		5,218
% of increase									80.8%				1341.9%			
4 Beltrami									80			80	10			10
% of increase									80.0%				10.0%			
5 Benton	418		418	460	167			627	1,124	434		1,558	2,414	598		3,012
% of increase				10.0%					143.9%				114.8%			
6 Big Stone									24			24	3,648	40		3,688
% of increase									100.0%				16100.0%			
7 Blue Earth				3,244	1,559			4,803	12,596	1,224	3,482	17,302	16,505	834	5,550	22,889
% of increase									288.3%				31.0%			
8 Breckenridge				79				79								
% of increase																
9 Brown				1,704	635			2,339	5,086	1,310		6,396	8,383	3,635		12,018
% of increase									198.5%				64.8%			
10 Buchanan				26				26								
% of increase																
11 Carlton				51				51	286			286	512	718		1,230
% of increase									460.8%				79.0%			
12 Carver				3,830	1,276			5,106	10,739	847		11,586	11,427	2,713		14,140
% of increase									180.4%				6.4%			
13 Cass				150				150	380			380	486			486
% of increase									152.0%				27.9%			
14 Chippewa									1,467			1,467	4,546	862		5,408
% of increase									100.0%				210.0%			
15 Chisago				1,290	453			1,743	4,358			4,358	6,395	1,587		7,982
% of increase									237.8%				46.7%			
16 Clay									92			92	5,887			5,887
% of increase													6298.9%			
17 Clearwater																
% of increase																
18 Cook													65			65
% of increase																
19 Cottonwood				12				12	534			534	5,090	443		5,533
% of increase									4360.0%				853.2%			

LAND BY COUNTIES, 1850-1910—Continued

1890						1900						1910						Counties
Area, acres	Land in farms, acres	Per cent in farms	Improved land, acres	Per cent of land area improved	Per cent of land in farms improved	Area, acres	Land in farms, acres	Per cent in farms	Improved land, acres	Per cent of land area improved	Per cent of land in farms improved	Area, acres	Land in farms, acres	Per cent in farms	Improved land, acres	Per cent of land area improved	Per cent of land in farms improved	
374,400	325,924	87.1	230,002	61.4	70.6	374,400	357,846	95.6	277,643	74.2	77.6	374,400	357,265	95.4	283,904	75.8	79.5	78
871,680	602,668	69.1	250,229	28.7	41.5	871,680	731,323	83.9	420,428	48.2	57.5	871,680	761,242	87.3	452,316	51.9	59.4	79
275,840	236,988	85.9	213,027	77.2	89.9	275,840	263,371	95.5	226,873	82.2	86.1	275,840	262,555	95.2	225,399	81.7	85.8	80
360,960	184,035	51.0	90,577	25.1	49.2	360,960	312,081	86.5	250,151	69.3	80.2	360,960	304,926	84.5	264,518	73.3	86.7	81
474,240	265,028	55.9	128,911	27.2	48.6	474,240	414,950	87.5	343,863	72.5	82.9	474,240	408,661	86.2	362,277	76.4	88.6	82
612,480	225,059	36.7	69,833	11.4	31.0	612,480	365,988	59.8	151,002	24.7	41.3	612,480	424,221	69.3	201,083	32.8	47.4	83
363,520	190,884	52.5	99,759	27.4	52.3	363,520	321,708	88.5	266,563	73.4	82.9	363,520	317,557	87.4	304,208	83.7	95.8	85
346,240	292,619	84.5	217,159	62.8	74.3	346,240	324,531	93.7	227,689	65.8	70.2	346,240	320,894	92.7	229,613	66.3	71.6	86
344,320	63,675	18.5	25,687	7.5	40.3	344,320	141,375	41.1	61,284	17.8	43.3	344,320	158,666	46.1	69,703	20.2	43.9	87
275,840	238,233	86.4	200,890	72.8	84.3	275,840	262,467	95.2	225,134	81.6	85.8	275,840	256,347	92.9	206,512	74.9	80.6	89
254,080	186,215	73.3	118,685	46.7	63.7	254,080	214,858	84.6	145,851	57.4	67.9	254,080	226,312	89.1	152,745	60.1	67.5	90
277,760	190,795	68.7	130,148	46.9	68.2	277,760	255,815	92.1	219,558	79.0	85.8	277,760	251,664	90.6	225,847	81.3	89.7	91
476,800	154,240	32.3	84,648	17.8	54.9	476,800	318,998	66.9	267,764	56.2	83.9	476,800	338,986	70.5	318,237	66.7	94.7	92
407,680	338,123	82.9	220,002	54.0	65.1	407,680	371,659	91.2	230,698	56.6	62.1	407,680	374,234	91.8	237,674	58.3	63.5	93
442,240	324,564	73.4	127,255	28.8	39.2	442,240	383,966	86.8	215,436	48.7	56.1	442,240	399,328	90.3	237,792	53.8	59.5	94
479,360	290,423	60.6	181,369	37.8	62.4	479,360	423,714	88.4	353,000	73.6	83.3	479,360	451,719	94.2	379,135	79.1	83.9	95
							87,492		24,908		28.5							96
51,749,120	18,663,645	36.1	11,127,953	21.5	59.6	51,749,120	26,248,498	50.7	18,342,585	35.4	69.9	51,749,120	27,675,823	53.5	19,643,533	38.0	71.0	

BY COUNTIES, 1850-1910

1890				1900				1910				Counties
Country	Villages under 2,500	Cities and villages over 2,500	Total	Country	Villages under 2,500	Cities and villages over 2,500	Total	Country	Villages under 2,500	Cities and villages over 2,500	Total	
1,725	737		2,462	5,024	1,719		6,743	8,387	1,984		10,371	1
371.3%				191.2%				66.9%				
5,632		4,252	9,884	7,421	123	3,769	11,313	7,710	811	3,972	12,493	2
27.9%				31.8%				3.9%				
7,383	2,018		9,401	10,396	3,979		14,375	12,901	3,132	2,807	18,840	3
66.2%				40.8%				24.1%				
312			312	8,250	2,780		11,030	9,671	4,567	5,099	19,337	4
3020.0%				2544.2%				17.2%				
4,306	1,185	793	6,284	7,048	1,951	913	9,912	7,586	2,849	1,180	11,615	5
78.4%				63.7%				7.6%				
4,446	1,276		5,722	5,685	3,046		8,731	5,165	4,202		9,367	6
21.9%				27.9%				-9.2%				
18,726	1,646	8,838	29,210	17,893	3,771	10,599	32,263	15,076	3,896	10,365	29,337	7
13.5%				-4.5%				-15.7%				
												8
9,847	2,229	3,741	15,817	10,827	3,557	5,403	19,787	10,010	4,476	5,648	20,134	9
17.5%				10.0%				-7.6%				
												10
1,544	1,198	2,530	5,272	5,544	1,401	3,072	10,017	8,259	2,269	7,031	17,559	11
201.6%				259.1%				49.0%				
11,990	4,542		16,532	12,159	5,385		17,544	11,607	5,848		17,455	12
4.9%				1.4%				-4.6%				
808	439		1,247	6,693	1,084		7,777	7,700	3,920		11,620	13
66.3%				728.3%				15.0%				
7,118	1,437		8,555	8,814	3,685		12,499	8,434	1,968	3,056	13,458	14
66.6%				23.8%				-4.8%				
7,644	2,715		10,359	9,420	3,828		13,248	9,547	3,990		13,537	15
19.5%				23.2%				1.3%				
7,815	3,702		11,517	11,783	2,429	3,730	17,942	11,583	3,217	4,840	19,640	16
32.8%				47.4%				-1.7%				
								5,819	1,051		6,870	17
98			98	810			810	981	355		1,336	18
50.8%				726.5%				21.1%				
6,254	1,158		7,412	8,855	3,214		12,069	8,880	3,771		12,651	19
22.9%				41.6%				0.3%				

APPENDIX

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BY COUNTIES, 1850-1910—Continued

1890				1900				1910				
Country	Villages under 2,500	Cities and vil- lages over 2,500	Total	Country	Villages under 2,500	Cities and vil- lages over 2,500	Total	Country	Villages under 2,500	Cities and vil- lages over 2,500	Total	Counties
3,149 593.6%		5,703	8,852	6,726 113.6%		7,524	14,250	7,359 9.4%	976	8,526	16,861	20
11,207 -10.4%	5,328	3,705	20,240	11,778 5.1%	6,144	3,811	21,733	11,249 -4.5%	2,769	11,153	25,171	21
8,779 -0.5%	2,085		10,864	9,293 -5.9%	4,047		13,340	8,350 -10.2%	3,744		12,094	22
11,339 60.7%	3,267		14,606	13,506 19.1%	1,777	2,681	17,964	12,135 -10.2%	2,533	3,001	17,669	23
11,563 18.4%	5,145		16,708	13,075 13.1%	6,080	2,900	22,055	11,684 -10.6%	8,265		19,949	24
20,521 -8.8%	5,445		25,966	19,742 -3.8%	8,496		28,238	16,398 -16.9%	9,282		25,680	25
14,292 8.6%	365	3,305	17,962	15,637 9.4%	1,701	4,500	21,838	14,588 -6.7%	1,502	6,192	22,282	26
19,353 -9.5%	3,159	6,294	28,806	18,979 -1.9%	4,633	7,525	31,137	17,403 -8.9%	5,186	9,048	31,637	27
6,055 114.7%	820		6,875	6,974 16.2%	1,961		8,935	6,379 -8.5%	2,735		9,114	28
15,823 -18.9%	4,733	164,738	185,294	19,171 21.2%	6,451	202,718	228,340	18,696 -2.5%	7,681	307,103	333,480	29
11,767 -11.9%	2,886		14,653	12,203 3.7%	3,197		15,400	10,472 -14.2%	3,825		14,297	30
1,412			1,412	5,036 266.7%	1,542		6,578	7,460 48.1%	2,371		9,831	31
7,349 49.2%	258		7,607	10,938 48.8%	737		11,675	10,993 0.5%	1,622		12,615	32
743 499.2%			743	2,799 276.7%	1,774		4,573	5,808 107.6%	11,400		17,208	33
7,433 72.7%	1,491		8,924	10,864 46.2%	3,929		14,793	10,539 -8.0%	3,952		14,491	34
1,579 212.7%			1,579	3,829 142.5%	785		4,614	5,110 33.5%	1,351		6,461	35
11,532 80.2%	2,465		13,997	13,774 19.4%	1,233	3,409	18,416	12,880 -6.5%	1,954	4,135	18,969	36
5,085 461.9%	302		5,387	6,670 31.2%	1,219		7,889	7,624 14.3%	2,045		9,669	37
								3,945	2,486		6,431	38
9,173 87.5%	1,209		10,382	10,942 19.3%	3,347		14,289	10,819 -1.1%	4,616		15,435	39
1,299 1125.5%			1,299	1,376 5.9%		3,278	4,654	2,530 83.9%	491	4,990	8,011	40
13,568 4.0%	5,489		19,057	13,229 -2.5%	7,005		20,234	11,357 -14.2%	7,252		18,609	41
5,041 71.2%	650		5,691	7,561 60.0%	1,405		8,966	7,429 -1.8%	2,445		9,874	42
6,573 35.2%	2,928		9,501	8,938 36.0%	5,653		14,591	9,064 1.4%	6,658		15,722	43
12,827 20.1%	4,199		17,026	13,207 3.0%	6,388		19,595	12,278 -7.0%	6,413		18,691	44
								2,223	1,026		3,249	45
												46
												47
7,911 697.5%	1,219		9,130	13,080 65.3%	2,618		15,698	12,742 -2.6%	3,596		16,338	48
7,742 69.2%	1,661		9,403	11,886 53.5%	2,010	3,040	16,936	11,453 -3.6%	3,107	2,958	17,518	49
12,329 24.6%	3,127		15,456	13,953 13.2%	3,800		17,753	12,876 -7.7%	4,146		17,022	50
1,338 48.4%	1,507		2,845	5,280 294.6%	2,786		8,066	7,530 -42.6%	3,175		10,705	51
												52
9,864 83.8%	3,461		13,325	15,447 66.6%	1,670	5,774	22,891	15,433 -0.1%	2,542	6,078	24,053	53
12,329 -3.7%	1,850	3,901	18,019	13,543 10.4%	3,318	5,474	22,335	12,079 -10.8%	3,601	6,960	22,640	54
5,794 69.8%	898		6,692	9,446 63.0%	2,465		11,911	8,741 -7.5%	3,014		11,755	55
9,448 6.2%	263	3,671	13,382	9,029 -4.4%	1,443	4,302	14,774	7,929 -12.2%	2,020	4,176	14,125	56
5,865 54.4%	2,093		7,958	10,020 70.8%	4,912		14,932	9,359 6.6%	5,851		15,210	57
9,996	622		10,618	12,994 30.0%	2,051		15,045	9,988 -23.1%	3,458		13,446	58

TABLE XI—POPULATION IN MINNESOTA

COUNTIES	1850			1860				1870				1880			
	Country	Villages under 2,500	Total	Country	Villages under 2,500	Cities and villages over 2,500	Total	Country	Villages under 2,500	Cities and villages over 2,500	Total	Country	Villages under 2,500	Cities and villages over 2,500	Total
59 Olmsted.....				8,100	1,424		9,524	15,591	249	3,953	19,793	15,095	1,345	5,103	21,543
% of increase.....								92.6%				—3.2%			
60 Otter Tail.....				240			240	1,968			1,968	17,040	1,635		18,675
% of increase.....								720.0%				765.9%			
61 Pembina.....	1,134		1,134	1,612			1,612	64			64				
% of increase.....				42.2%				—96.0%							
62 Pennington.....															
% of increase.....															
63 Pierce.....				11			11								
% of increase.....															
64 Pine.....				92			92	648			648	1,365			1,365
% of increase.....								604.3%				110.6%			
65 Pipestone.....				23			23					1,870	222		2,092
% of increase.....															
66 Polk.....				240			240					9,762	1,671		11,433
% of increase.....															
67 Pope.....								2,691			2,691	5,874			5,874
% of increase.....												118.3%			
68 Ramsey.....	577	1,650	2,227	1,482	267	10,401	12,150	3,055		20,030	23,085	3,982	435	41,473	45,890
% of increase.....				156.8%				106.1%				30.3%			
69 Red Lake.....															
% of increase.....															
70 Redwood.....								1,829			1,829	4,092	1,283		5,375
% of increase.....												123.7%			
71 Renville.....				245			245	3,219			3,219	9,765	1,026		10,791
% of increase.....								1213.9%				203.4%			
72 Rice.....				4,731	2,812		7,543	10,333	2,705	3,045	16,083	14,181	2,885	5,415	22,481
% of increase.....								118.4%				37.2%			
73 Rock.....								138			138	2,990	679		3,669
% of increase.....												2066.6%			
74 Roseau.....															
% of increase.....															
75 Saint Louis.....				224	182		406	1,430		3,131	4,561	821	200	3,483	4,504
% of increase.....								538.4%				—42.6%			
76 Scott.....				3,457	1,138		4,595	9,196	1,846		11,042	9,680	3,836		13,516
% of increase.....								166.0%				6.3%			
77 Sherburne.....				490	233		723	2,050			2,050	3,220	635		3,855
% of increase.....								318.4%				87.1%			
78 Sibley.....				2,731	878		3,609	6,019	706		6,725	9,673	964		10,637
% of increase.....								120.4%				60.7%			
79 Stearns.....				4,505			4,505	12,045	2,161		14,206	18,001	3,955		21,956
% of increase.....								167.4%				49.4%			
80 Steele.....				2,254	609		2,863	6,201	2,070		8,271	8,961	338	3,161	12,460
% of increase.....								175.1%				44.5%			
81 Stevens.....								174			174	3,077	834		3,911
% of increase.....												1668.4%			
82 Swift.....												6,617	856		7,473
% of increase.....															
83 Todd.....				430			430	2,036			2,036	6,133			6,133
% of increase.....								373.5%				301.2%			
84 Toombs.....				40			40								
% of increase.....															
85 Traverse.....								13			13	1,507			1,507
% of increase.....												11492.3%			
86 Wabasha.....	243		243	5,813	1,415		7,228	11,279	4,580		15,859	11,594	4,016	2,596	18,206
% of increase.....				2292.9%				94.0%				2.8%			
87 Wadena.....								6			6	1,773	307		2,080
% of increase.....												29450.0%			
88 Wahnahtha.....	160		160												
% of increase.....															
89 Waseca.....				2,341	260		2,601	6,356	1,498		7,854	9,352	3,033		12,385
% of increase.....								171.5%				47.1%			
90 Washington.....	435	621	1,056	3,743	2,380		6,123	5,987	1,698	4,124	11,809	10,048	460	9,055	19,563
% of increase.....				760.5%				60.0%				67.8%			
91 Watonwan.....								2,285	141		2,426	4,171	933		5,104
% of increase.....												82.5%			
92 Wilkin.....								295			295	1,906			1,906
% of increase.....												546.1%			
93 Winona.....				6,744	2,464		9,208	13,885	1,242	7,192	22,319	15,593	1,396	10,208	27,197
% of increase.....								105.9%				12.3%			
94 Wright.....				2,376	1,353		3,729	9,457			9,457	16,144	1,960		18,104
% of increase.....								298.0%				70.7%			
95 Yellow Medicine.....												4,975	909		5,884
% of increase.....															
Indians not distributed by counties.....															
Totals for the State.....	3,806	2,271	6,077	122,530	33,270	16,223	172,023	327,698	41,254	70,754	439,706	543,193	88,822	148,758	780,773
% of increase.....				3119.4%				167.4%				65.8%			

BY COUNTIES, 1850-1910—Continued

1890				1900				1910				Counties
Country	Villages under 2,500	Cities and villages over 2,500	Total	Country	Villages under 2,500	Cities and villages over 2,500	Total	Country	Villages under 2,500	Cities and villages over 2,500	Total	
13,282 -12.0%	1,203	5,321	19,806	14,148 6.6%	2,128	6,843	23,119	12,451 -12.0%	2,202	7,844	22,497	59
28,426 66.8%	2,034	3,772	34,232	35,142 23.6%	4,161	6,072	45,375	32,472 -7.6%	6,677	6,887	46,036	60
												61
								5,194	468	3,714	9,376	62
												63
2,382 74.6%	1,670		4,052	8,076 239.0%	3,470		11,546	11,081 37.2%	4,797		15,878	64
3,350 79.1%	1,782		5,132	4,827 44.1%	1,901	2,536	9,264	5,116 6.0%	4,437		9,553	65
23,821 144.0%	2,914	3,457	30,192	25,148 6.6%	4,922	5,359	35,429	22,127 -12.0%	3,782	10,092	36,001	66
8,978 62.8%	1,054		10,032	10,133 12.9%	2,444		12,577	9,036 -10.8%	3,710		12,746	67
3,830 -3.9%	2,810	133,156	139,796	4,741 23.8%	2,748	163,065	170,554	5,647 19.1%	3,284	214,744	223,675	68
				7,651	4,544		12,195	4,668 -39.0%	1,896		6,564	69
7,518 83.7%	1,868		9,386	12,940 72.1%	4,321		17,261	12,760 -1.4%	5,665		18,425	70
14,213 46.6%	2,886		17,099	17,162 20.7%	6,531		23,693	15,994 -6.8%	7,129		23,123	71
13,536 -4.6%	1,253	9,179	23,968	13,280 -1.9%	1,722	11,078	26,080	11,813 -11.1%	1,832	12,266	25,911	72
5,119 71.2%	1,698		6,817	6,712 81.1%	2,956		9,668	6,495 -3.2%	1,187	2,540	10,222	73
				6,529	465		6,994	8,846 36.5%	2,492		11,338	74
5,471 666.4%	2,908	36,483	44,862	12,442 127.4%	8,090	62,400	82,932	34,331 175.9%	12,880	116,063	163,274	75
9,471 -2.2%	4,360		13,831	9,540 0.7%	5,607		15,147	7,983 -16.3%	6,905		14,888	76
4,734 47.0%	679	495	5,908	5,641 19.2%	1,230	410	7,281	5,591 -0.9%	1,736	809	8,136	77
12,547 29.7%	2,652		15,199	12,731 1.6%	4,131		16,862	11,351 -10.8%	4,189		15,540	78
24,810 37.8%	3,636	6,398	34,844	27,418 10.5%	9,706	7,340	44,464	26,941 -1.7%	9,590	11,202	47,733	79
9,075 1.3%	308	3,849	13,232	10,108 11.4%	855	5,561	16,524	9,373 -7.3%	1,115	5,658	16,146	80
3,767 22.4%	1,484		5,251	5,899 66.6%	2,822		8,721	5,480 -7.1%	2,813		8,293	81
7,861 18.8%	2,300		10,161	9,831 26.1%	3,672		13,503	8,533 -13.2%	4,416		12,949	82
11,953 94.9%	977		12,930	17,076 42.9%	5,138		22,214	16,588 -2.9%	4,261	2,558	23,407	83
												84
3,635 141.2%	881		4,516	5,264 44.8%	2,309		7,573	5,286 0.4%	2,763		8,049	85
11,586 -0.1%	5,386		16,972	10,554 -8.9%	3,098	5,272	18,924	9,448 -10.5%	3,342	5,764	18,554	86
2,523 42.3%	1,530		4,053	5,093 101.9%	2,828		7,921	5,520 8.4%	3,132		8,652	87
												88
9,487 1.4%	3,826		13,313	9,653 1.7%	2,004	3,103	14,760	8,554 -11.4%	1,858	3,054	13,466	89
10,663 6.1%	4,069	11,260	25,992	12,958 21.5%	2,532	12,318	27,808	11,975 -7.6%	3,840	10,198	26,013	90
5,955 42.8%	1,791		7,746	7,285 22.3%	1,604	2,607	11,496	7,135 -2.1%	4,247		11,382	91
3,517 84.5%	829		4,346	6,263 78.1%	1,817		8,080	5,584 -10.9%	3,479		9,063	92
14,087 9.7%	1,502	18,208	33,797	13,166 -6.5%	2,806	19,714	35,686	12,070 -8.3%	2,745	18,583	33,398	93
19,989 23.8%	4,175		24,164	22,027 10.2%	7,130		29,157	20,064 0.2%	8,018		28,082	94
8,406 69.0%	1,448		9,854	11,045 31.4%	3,557		14,602	10,825 -2.0%	4,581		15,406	95
8,457			8,457	2,222	1,264		3,486					
708,114 30.4%	159,120	443,049	1,310,283	890,252 26.7%	263,042	598,100	1,751,394	898,550 0.9%	326,864	850,294	2,075,708	

TABLE XII—RELATION OF COUNTRY POPULATION TO

COUNTIES	1850				1860				1870				1880				
	Country population	Per square mile	Per 100 acres, improved	Number of farms	Country population	Per square mile	Per 100 acres, improved	Number of farms	Country population	Per square mile	Per 100 acres, improved	Number of farms	Area, square miles	Country population	Per square mile	Per 100 acres, improved	Number of farms
1 Aitkin.....					2				178								
2 Anoka.....					1,504	34.5	201	7.5	2,442	29.0	338	7.2	459	4,402	9.6	11.7	816
3 Becker.....					386				308	115.4	7	44.0	1,349	4,441	3.3	11.1	749
4 Beltrami.....									80				4,841	10	*		
5 Benton.....	418	103.2			460	15.5	53	8.7	1,124	44.0	54	20.8	405	2,414	6.0	13.1	450
6 Big Stone.....									24	184.6	3	8.0	491	3,648	7.4	16.5	530
7 Blue Earth.....					3,244	26.4	476	6.8	12,596	12.2	1,965	6.4	762	16,505	21.7	6.1	2,745
8 Breckenridge.....					79												
9 Brown.....					1,704	34.7	268	6.4	5,086	15.0	966	5.3	612	8,383	13.7	6.0	1,456
10 Buchanan.....					26												
11 Carlton.....					51	71.8	4	12.8	286				867	512	0.6	23.8	87
12 Carver.....					3,830	29.2	813	4.7	10,739	31.5	1,568	6.8	376	11,427	30.4	12.3	1,771
13 Cass.....					150				380	513.5	2	190.0	3,567	486	0.1	61.8	67
14 Chippewa.....									1,467	15.4	287	5.1	591	4,546	7.7	7.1	1,034
15 Chisago.....					1,290	35.4	173	7.5	4,358	54.4	350	12.5	427	6,395	15.0	20.5	1,021
16 Clay.....									92	418.2	4	23.0	1,043	5,887	5.6	11.9	712
17 Clearwater.....																	
18 Cook.....													1,498	65	*	325.0	2
19 Cottonwood.....					12	20.0	2	6.0	534	68.3	43	12.4	640	5,090	8.0	7.3	1,082
20 Crow Wing.....					269		4	67.3	200	52.6	5	40.0	552	454	0.8	33.1	21
21 Dakota.....	584				6,364	16.3	944	6.7	11,751	7.2	1,764	6.7	599	12,506	20.9	5.4	1,977
22 Dodge.....					3,037	19.8	432	7.0	7,086	9.5	1,114	6.4	440	8,818	20.0	4.5	1,611
23 Douglas.....					195	33.8	20	9.8	4,239	30.3	654	6.5	648	7,523	11.6	10.5	1,371
24 Faribault.....					780	18.8	86	9.1	9,267	13.6	1,475	6.3	719	9,769	13.6	4.3	1,741
25 Fillmore.....					10,264	13.6	2,002	5.1	20,726	11.2	2,826	7.3	868	22,495	25.9	6.2	3,517
26 Freeborn.....					3,105	39.0	361	8.6	9,411	13.6	1,571	6.0	735	13,796	18.8	5.4	2,345
27 Goodhue.....					7,495	27.4	773	9.6	18,358	8.5	2,374	7.7	767	21,380	27.9	6.1	3,306
28 Grant.....									340	39.4	60	5.7	553	5,820	5.1	8.7	492
29 Hennepin.....					6,710	22.1	1,205	5.6	13,487	20.8	1,771	7.6	565	19,503	34.5	13.7	2,654
30 Houston.....					5,299	26.3	638	8.3	12,886	19.0	1,217	10.6	570	13,360	23.4	9.2	2,040
31 Hubbard.....																	
32 Isanti.....					284	50.8	28	10.1	2,035	26.7	348	5.8	442	4,927	11.1	18.9	868
33 Itasca.....	97	97.0			51				96				5,871	124			
34 Jackson.....					181	139.2	5	36.2	1,825	33.9	209	8.7	702	4,305	6.1	7.1	813
35 Kanabec.....					30	20.7	4	7.5					534	505	0.9	60.3	65
36 Kandiyohi.....					76	69.7			1,760	28.4	318	5.5	801	8,855	11.1	5.6	1,535
37 Kittson.....													2,781	905	0.3	42.2	128
38 Koochiching.....																	
39 Lac qui Parle.....									145	54.1	23	6.3	790	4,891	6.2	8.6	1,180
40 Lake.....					248				135	121.6	3	45.0	2,099	106	0.1	38.8	4
41 Le Sueur.....					4,616	32.3	885	5.2	10,598	28.5	1,535	6.9	466	13,041	28.0	11.8	2,171
42 Lincoln.....													535	2,945	5.5	12.2	683
43 Lyon.....													708	4,861	6.9	7.0	1,105
44 McLeod.....					955	28.2	137	7.0	5,203	24.3	943	5.5	496	10,684	21.5	7.7	1,743
45 Mahanomen.....	158																
46 Mankato.....																	
47 Manomin.....					136	15.7	16	8.5					1,788	992	0.6	19.3	200
48 Marshall.....																	
49 Martin.....					151	75.1	8	18.9	3,867	19.9	699	5.5	719	4,577	6.4	8.3	948
50 Meeker.....					928	39.0	126	7.4	5,416	25.1	932	5.8	621	9,898	15.9	7.7	1,771
51 Mille Lacs.....					73	84.9	6	12.2	1,109	62.2	91	12.2	583	914	1.6	13.6	104
52 Monongalia.....					350	70.4	21	16.7	3,161	18.2	582	5.4					
53 Morrison.....					344	16.8	53	6.5	1,681	48.1	126	13.3	1,143	5,367	4.7	15.0	856
54 Mower.....					2,390	30.0	221	10.8	8,408	12.8	1,164	7.2	711	12,733	17.9	4.6	2,264
55 Murray.....					29	72.5	3	9.7	209	50.6	15	13.9	704	3,604	5.1	12.0	713
56 Nicollet.....					3,473	35.6	428	8.1	6,238	12.3	978	6.4	443	8,897	20.1	5.0	1,406
57 Nobles.....					35				117				722	3,799	5.3	5.6	819
58 Norman.....																	
59 Olmsted.....					8,100	15.8	1,290	6.3	15,591	7.7	2,269	6.9	666	15,095	22.7	4.7	1,542
60 Otter Tail.....					240	78.4	12	20.0	1,968	54.2	264	7.5	2,039	17,040	8.4	12.9	3,135
61 Pembina.....	1,134	1472.7			1,612				64								
62 Pennington.....																	
63 Pierce.....					11												
64 Pine.....					92	83.6	7	13.1	648	1440.0	2	324.0	1,413	1,365	1.0	97.5	54
65 Pipestone.....					23								469	1,870	4.0	8.6	1,462
66 Polk.....					240	54.5	6	40.0					4,450	9,762	2.2	8.0	1,753
67 Pope.....									2,691	21.3	555	4.8	693	5,874	8.5	7.4	1,023
68 Ramsey.....	577	125.9			1,482	28.4	196	7.6	3,055	29.9	243	12.6	161	3,982	24.7	16.0	533
69 Red Lake.....																	
70 Redwood.....									1,829	170.3	23	79.5	881	4,092	4.6	6.3	937
71 Renville.....					245	44.1	24	10.0	3,219	33.1	512	6.3	978	9,765	10.0	10.2	1,777
72 Rice.....					4,731	9.7	804	5.9	10,333	10.9	1,570	6.6	495	14,181	28.6	7.5	2,334
73 Rock.....									138	29.8	19	7.3	492	2,990	6.1	3.9	721
74 Roseau.....																	
75 Saint Louis.....					224	66.9	17	13.2	1,430				6,503	821	0.1	24.1	130
76 Scott.....					3,457	23.8	614	5.6	9,196	19.7	1,310	7.0	366	9,680	26.4	8.9	1,504
77 Sherburne.....					490	6.3	110	4.5	2,050	26.0	279	7.3	448	3,220	7.2	8.2	599

APPENDIX

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LAND IN MINNESOTA BY COUNTIES, 1850-1910

1890						1900						1910						
Area, square miles	Country population	Per square mile	Per 100 acres, improved	Number of farms	Per farm	Area, square miles	Country population	Per square mile	Per 100 acres, improved	Number of farms	Per farm	Area, square miles	Country population	Per square mile	Per 100 acres, improved	Number of farms	Per farm	Counties
1,830	1,725	0.9	64.2	151	11.4	1,830	5,024	2.7	24.3	768	6.5	1,830	8,387	4.6	24.1	1,348	6.2	1
459	5,632	12.3	13.6	964	5.8	459	7,421	16.2	8.5	1,356	5.5	459	7,710	16.8	7.6	1,445	5.3	2
1,349	7,383	5.5	10.4	1,210	6.1	1,349	10,396	7.7	7.2	1,947	5.3	1,349	12,901	9.6	7.2	2,074	6.2	3
4,841	312	0.1	241.9	56	5.6	4,841	8,250	1.7	34.9	1,243	6.6	3,822	9,671	2.5	29.1	1,577	6.1	4
405	4,306	10.6	8.7	776	5.5	405	7,048	17.4	7.8	1,275	5.5	405	7,586	18.7	7.0	1,279	5.9	5
491	4,446	9.1	4.3	787	5.6	491	5,685	11.6	2.3	1,044	5.4	491	5,165	10.5	2.1	961	5.4	6
762	18,726	24.6	5.3	3,025	6.2	762	17,893	23.5	4.9	3,186	5.6	762	15,076	19.8	4.2	2,941	5.1	7
612	9,847	16.1	4.1	1,632	6.0	612	10,827	17.7	3.5	1,857	5.8	612	10,010	16.4	3.3	1,807	5.5	8
867	1,544	1.8	66.2	98	15.8	867	5,544	6.4	40.9	605	9.2	867	8,259	9.5	30.0	1,195	6.9	10
376	11,990	31.9	12.1	1,843	6.5	376	12,159	32.3	10.0	1,975	6.2	376	11,607	30.9	9.0	1,992	5.8	11
3,041	808	0.3	28.5	86	9.4	2,104	6,693	3.2	32.5	668	10.0	2,104	7,700	3.7	19.1	948	8.1	12
591	7,118	12.0	5.5	1,117	6.4	591	8,814	14.9	2.9	1,687	5.2	591	8,434	14.3	2.8	1,499	5.6	13
427	7,644	17.9	17.6	1,377	5.6	427	9,420	22.1	11.0	1,969	4.8	427	9,547	22.4	9.1	2,005	4.8	14
1,043	7,815	7.5	4.8	1,314	5.9	1,043	11,783	11.3	2.7	1,994	5.9	1,043	11,583	11.1	2.7	1,738	6.7	15
1,498	98	0.1	280.0	8	12.3	1,498	810	0.5	247.7	36	22.5	1,019	5,819	5.7	14.4	1,055	5.5	16
640	6,254	9.8	5.0	1,142	5.5	640	8,855	13.8	2.6	1,568	5.6	1,498	981	0.7	62.6	146	6.7	17
552	3,149	5.7	23.9	625	5.0	1,057	6,726	6.4	18.6	1,241	5.4	640	8,880	13.9	2.6	1,580	5.6	18
599	11,207	18.7	4.7	1,880	6.0	599	11,778	19.7	4.3	2,152	5.5	1,057	7,359	7.0	14.2	1,148	6.4	19
440	8,779	20.0	4.6	1,493	5.9	440	9,293	21.1	4.2	1,651	5.6	599	11,249	18.8	4.3	2,163	5.2	20
648	11,339	17.5	9.6	1,951	5.8	648	13,506	20.8	7.0	2,407	5.6	440	8,350	19.0	3.4	1,587	5.3	21
719	11,563	16.1	3.7	2,032	5.7	719	13,075	18.2	3.3	2,232	5.9	648	12,135	18.7	5.5	2,265	5.4	22
868	20,521	23.6	5.7	3,272	6.3	868	19,742	22.7	5.1	3,477	5.7	719	11,684	16.3	3.0	2,139	5.5	23
735	14,292	19.4	5.2	2,313	6.2	735	15,637	21.3	4.6	2,691	5.8	868	16,398	18.9	4.2	3,213	5.1	24
767	19,353	25.2	5.3	3,190	6.1	767	18,979	24.7	5.1	3,210	5.9	735	14,588	19.8	4.4	2,477	5.9	25
553	6,055	10.9	5.2	1,035	5.9	553	6,974	12.6	3.1	1,245	5.6	767	17,403	22.7	4.8	3,040	5.7	26
565	15,823	28.0	11.2	2,781	5.7	565	19,171	33.9	9.7	3,684	5.2	553	6,379	11.5	2.5	1,185	5.4	27
570	11,767	20.6	7.6	1,954	6.0	570	12,203	21.4	7.2	2,130	5.7	565	18,696	33.1	9.9	3,853	4.9	28
526	1,412	2.7	8.5	194	7.3	958	5,036	5.3	17.1	641	7.9	570	10,472	18.4	6.0	1,912	5.5	29
442	7,349	16.6	19.1	1,341	5.5	442	10,938	24.7	12.8	2,044	5.4	958	7,460	7.8	13.4	843	8.8	30
5,871	743	0.1	174.4	18	41.3	5,871	2,799	0.5	65.5	217	12.9	442	10,993	24.9	10.0	2,063	5.3	31
702	7,433	10.6	6.1	1,346	5.5	702	10,864	15.5	3.1	1,949	5.6	442	10,993	24.9	10.0	2,063	5.3	32
534	1,579	3.0	46.9	215	7.3	534	3,829	7.2	27.7	749	5.1	702	5,808	2.1	42.6	830	7.0	33
801	11,532	14.4	5.4	1,958	5.9	801	13,774	17.2	4.0	2,265	6.1	534	5,110	9.6	13.7	1,017	5.0	34
2,781	5,085	1.8	4.3	885	5.7	1,111	6,670	6.0	3.2	1,266	5.3	801	12,880	16.1	3.5	2,237	5.8	35
790	9,173	11.6	4.4	1,550	5.9	790	10,942	13.9	2.8	1,951	5.6	1,111	7,624	6.9	2.7	1,210	6.3	36
2,099	1,299	0.6	495.8	6	216.5	2,099	1,376	0.7	566.3	19	72.4	3,141	3,945	1.3	71.4	444	8.9	37
466	13,568	29.1	10.0	2,120	6.4	466	13,229	28.4	8.9	2,472	5.4	790	10,819	13.7	2.7	1,863	5.8	38
535	5,041	9.4	4.9	1,045	4.8	535	7,561	14.1	3.2	1,340	5.6	2,099	2,530	1.2	106.3	210	12.0	39
708	6,573	9.3	4.7	1,198	5.5	708	8,938	12.6	2.7	1,632	5.5	466	11,357	24.4	7.0	2,218	5.1	40
496	12,827	25.9	6.4	2,070	6.2	496	13,207	26.6	5.9	2,335	5.7	535	7,429	13.9	3.0	1,304	5.7	41
												708	9,064	12.8	2.6	1,682	5.4	42
												496	12,278	24.8	5.1	2,268	5.4	43
												572	2,223	3.9	9.2	248	9.0	44
																		45
																		46
																		47
1,788	7,911	4.4	5.1	1,532	5.2	1,788	13,080	7.3	3.8	2,464	5.3	1,788	12,742	7.1	3.3	2,121	6.0	48
719	7,742	10.8	5.2	1,495	5.2	719	11,886	16.5	3.1	2,138	5.6	719	11,453	15.9	3.0	2,181	5.3	49
621	12,329	19.9	8.0	2,179	5.7	621	13,953	22.5	5.4	2,511	5.6	621	12,876	20.7	4.8	2,346	5.5	50
583	1,338	2.3	12.2	180	7.4	583	5,280	9.0	16.8	1,022	5.2	583	7,530	12.9	15.5	1,278	5.9	51
1,143	9,864	8.6	14.4	1,537	6.4	1,143	15,447	13.5	10.4	2,400	6.4	1,143	15,433	13.5	8.4	2,622	5.9	52
711	12,268	17.3	4.4	2,150	5.7	711	13,543	19.0	3.4	2,447	5.5	711	12,079	17.0	3.1	2,386	5.1	53
704	5,794	8.2	5.1	1,050	5.5	704	9,446	13.4	2.8	1,713	5.5	704	8,741	12.4	2.5	1,640	5.3	54
443	9,448	21.3	4.7	1,456	6.5	443	9,029	20.4	4.3	1,454	6.2	443	7,929	17.9	4.2	1,414	5.6	55
722	5,865	8.1	3.7	1,172	5.0	722	10,020	13.9	3.4	1,751	5.7	722	9,359	13.0	2.4	1,819	5.1	56
1,432	9,996	7.0	5.5	1,698	5.9	1,432	12,994	9.1	4.1	1,938	6.7	722	9,988	11.6	3.2	1,653	6.0	57
666	13,282	19.9	4.3	2,248	5.9	666	14,148	21.2	4.3	2,539	5.6	666	12,451	18.7	3.9	2,310	5.4	58
2,039	28,426	13.9	9.1	4,825	5.9	2,039	35,142	17.2	7.0	6,227	5.6	2,039	32,472	15.9	5.5	5,804	5.6	59
																		60
												607	5,194	8.6	3.8	1,244	4.2	61
																		62
1,413	2,382	1.7	49.8	261	9.1	1,413	8,076	5.7	26.4	1,416	5.7	1,413	11,081	7.8	17.1	2,066	5.4	63
469	3,350	7.1	3.8	613	5.5	469	4,827	10.3	2.3	997	4.8	469	5,116	10.9	2.0	1,055	4.8	64
3,018	23,821	7.9	5.6	4,606	5.2	1,979	25,148	12.7	3.9	4,340	5.8	1,979	22,127	11.2	3.4	3,525	6.3	65
693	8,978	13.0	5.6	1,550	5.7	693	10,133	14.6	3.5	1,872	5.4	693	9,036	13.0	3.2	1,649	5.5	66
161	3,830	23.8	16.6	519	7.4	161	4,741	29.4	12.2	923	5.2	161	5,647	35.1	13.7	1,067	5.3	67
																		68
																		69
881	7,518	8.5	5.1	1,353	5.6	881	12,940	14.7	3.1	2,348	5.5	881	12,760	14.5	2.9	2,311	5.5	70
978	14,213	14.5	6.2	2,529	5.6	978	17,162	17.5	3.4	3,013	5.7	978	15,994	16.4	3.1	2,871	5.6	71
495	13,536	27.3	6.2	2,475	5.5	495	13,280	26.8	5.8	2,672	5.0	495	11,813	23.9	5.1	2,380	5.0	72
492	5,119	10.4	3.6	931	5.5	492	6,712	13.6	2.5	1,169	5.7	492	6,495	13.2	2.4	1,205	5.4	73
																		74
6,503	5,471	0.8	112.4	326	16.8	6,503	6,529	3.9	8.8	1,444	4.5	6,503	8,846	5.3	5.6	1,602	5.5	75
366	9,471	25.9	7.6	1,														

TABLE XII—RELATION OF COUNTRY POPULATION TO

COUNTIES	1850				1860				1870				1880									
	Country population	Per square mile	Per 100 acres, improved	Number of farms	Per farm	Country population	Per square mile	Per 100 acres, improved	Number of farms	Per farm	Country population	Per square mile	Per 100 acres, improved	Number of farms	Per farm	Area, square miles	Country population	Per square mile	Per 100 acres, improved	Number of farms	Per farm	
78 Sibley.....						2,731		35.2		592	4.6	6,019		19.2	1,118	5.4	585	9,673	16.5	7.8	1,579	6.1
79 Stearns.....						4,505		25.6		709	6.4	12,045		21.8	2,000	6.0	1,362	18,001	13.2	9.6	2,885	6.2
80 Steele.....						2,254		23.7		330	6.8	6,201		13.0	831	7.5	431	8,961	20.8	4.6	1,607	5.6
81 Stevens.....												174		23.4	47	3.7	564	3,077	5.5	4.7	660	4.7
82 Swift.....																	741	6,617	8.9	8.2	1,307	5.1
83 Todd.....						430		55.3		35	12.3	2,036		54.1	176	11.6	957	6,133	6.4	12.9	1,048	5.9
84 Toombs.....						40																
85 Traverse.....												13		65.0	2	6.5	568	1,507	2.7	9.3	396	3.8
86 Wabasha.....	243		55.4			5,813		24.2		812	7.2	11,279		8.3	1,883	6.0	541	11,594	21.4	5.4	1,983	5.8
87 Wadena.....												6		100.0	1	6.0	538				259	6.8
88 Wahnaha.....	160		24.9																			
89 Waseca.....						2,341		42.4		191	12.3	6,356		12.9	1,030	6.2	431	9,352	21.7	5.3	1,535	6.1
90 Washington.....	435		14.9			3,743		20.1		450	8.3	5,987		12.9	679	8.8	397	10,048	25.3	9.6	1,333	7.5
91 Watonwan.....												2,285		13.7	407	5.6	434	4,171	9.6	6.9	824	5.1
92 Wilkin.....												295		32.6	49	6.0	745	1,906	2.6	9.6	349	5.5
93 Winona.....						6,744		23.4		759	8.9	13,885		10.2	2,037	6.8	637	15,593	24.5	7.1	2,394	6.5
94 Wright.....						2,376		23.6		645	3.7	9,457		40.0	807	11.7	691	16,144	23.4	16.2	2,717	5.9
95 Yellow Medicine.....																						
96 Indian Reservations																	749	4,975	6.6	7.2	1,020	4.9
Totals for the State	3,806		75.6			122,530		22.0		*17,999	6.8	327,698		14.1	46,500	7.0	80,858	543,193	6.7	7.5	92,386	5.9

* Total as taken from returns by counties; state total as given in Census Report, 18,181.

APPENDIX

259

LAND IN MINNESOTA BY COUNTIES, 1850-1910—Continued

1890						1900						1910						
Area, square miles	Country population	Per square mile	Per 100 acres, improved	Number of farms	Per farm	Area, square miles	Country population	Per square mile	Per 100 acres, improved	Number of farms	Per farm	Area, square miles	Country population	Per square mile	Per 100 acres, Improvement	Number of farms	Per Farm	Counties
585	12,547	21.4	5.5	1,985	6.3	585	12,731	21.8	4.6	2,177	5.8	585	11,351	19.4	4.0	2,055	5.5	78
1,362	24,810	18.2	9.9	3,583	6.9	1,362	27,418	20.1	6.5	4,449	6.2	1,362	26,941	19.8	6.0	4,255	6.3	79
431	9,075	21.1	4.3	1,590	5.7	431	10,108	23.5	4.5	1,801	5.6	431	9,373	21.7	4.2	1,824	5.1	80
564	3,767	6.7	4.2	702	5.4	564	5,899	10.5	2.4	1,156	5.1	564	5,480	9.7	2.1	1,015	5.4	81
741	7,861	10.6	6.1	1,366	5.8	741	9,831	13.3	2.9	1,795	5.5	741	8,533	11.5	2.4	1,537	5.6	82
957	11,953	12.5	17.1	1,786	6.7	957	17,076	17.8	11.3	3,034	5.6	957	16,588	17.3	8.2	2,994	5.5	83
568	3,635	6.4	3.6	815	4.5	568	5,264	9.3	2.0	1,086	4.8	568	5,286	9.3	1.7	942	5.6	84
541	11,586	21.4	5.3	1,768	6.6	541	10,554	19.5	4.6	1,917	5.5	541	9,448	17.5	4.1	1,787	5.3	85
538	2,523	4.7	9.8	402	6.3	538	5,093	9.5	8.3	990	5.1	538	5,520	10.3	7.9	1,004	5.5	86
431	9,487	22.0	4.7	1,612	5.9	431	9,653	22.4	4.3	1,672	5.8	431	8,554	19.8	4.1	1,567	5.5	87
397	10,663	26.9	9.0	1,554	6.9	397	12,958	32.6	8.9	1,843	7.0	397	11,975	30.2	7.8	1,943	6.2	88
434	5,955	13.7	4.6	1,039	5.7	434	7,285	16.8	3.3	1,291	5.6	434	7,135	16.4	3.2	1,269	5.6	89
745	3,517	4.7	4.2	591	6.0	745	6,263	8.4	2.3	1,117	5.6	745	5,584	7.5	1.8	986	5.7	90
637	14,087	22.1	6.4	2,054	6.9	637	13,166	20.7	5.7	2,359	5.6	637	12,070	18.9	5.1	2,141	5.6	91
691	19,989	28.9	15.7	3,522	5.7	691	22,027	31.9	10.2	3,992	5.5	691	20,064	29.0	8.4	3,814	5.3	92
749	8,406	11.2	4.6	1,458	5.8	749	11,045	14.7	3.1	1,872	5.9	749	10,825	14.5	2.9	1,838	5.9	93
	8,457						2,222		8.9	348	6.4							94
80,858	708,114	8.8	6.4	116,851	6.1	†80,858	890,252	11.0	4.9	154,659	5.8	80,858	898,550	11.1	4.6	156,137	5.8	95
																		96

† These figures are based on those used by the Census for 1910, and therefore differ slightly from the area used in the Census of 1900, which later calculations showed to be in error.

TABLE XIII—ACREAGE AND PRODUCTION OF WHEAT IN MINNESOTA BY COUNTIES, 1850-1910

	1850	1860	1870	1880			1890			1900			1910			
COUNTIES	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	
Aitkin.....							3	60	20.0		562	9,390	16.7	116	1,621	14.0
Anoka.....		8,762	27,393	7,754	94,058	12.1	264	4,067	15.4	4,730	72,790	15.4		1,523	28,487	18.7
Becker.....			2,850	16,004	212,629	13.3	33,225	418,543	12.6	58,229	872,060	15.0		38,857	553,456	14.2
Beltrami.....							3	15	5.0	1,948	34,350	17.6		1,013	14,470	14.3
Benton.....		2,592	3,541	5,161	74,739	14.5	12,513	175,974	14.1	27,980	457,850	16.4		17,147	314,948	18.1
Big Stone.....				9,346	110,659	11.8	56,829	1,008,835	17.8	137,221	1,904,500	13.9		78,764	1,285,562	16.3
Blue Earth.....		21,513	725,879	96,416	858,647	8.9	75,977	1,375,050	18.1	156,610	2,177,520	13.9		85,509	1,471,598	17.2
Breckenridge.....																
Brown.....		6,230	213,970	54,766	424,051	7.7	77,017	1,331,604	17.3	136,890	2,008,320	14.7		59,691	1,143,114	19.2
Buchanan.....																
Carlton.....		142		60	1,157	19.3	5	106	21.2	257	3,960	15.4		372	5,127	13.8
Carver.....		28,137	298,852	33,730	595,058	17.6	39,187	890,449	22.7	47,792	927,190	19.4		37,531	810,616	21.6
Cass.....				7	60	8.6	75	560	7.5	3,641	48,600	13.3		618	7,710	12.5
Chippewa.....			9,318	30,245	354,421	11.7	63,041	891,519	14.1	138,920	1,876,660	13.5		58,326	1,077,269	18.5
Chisago.....		5,787	32,857	9,912	153,709	15.5	5,635	106,821	18.9	17,454	318,280	18.2		11,441	249,600	21.8
Clay.....				24,341	370,239	15.2	95,771	1,284,176	13.4	179,584	2,593,390	14.4		111,607	1,545,224	13.8
Clearwater.....														4,745	73,397	15.5
Cook.....										2	30	15.0		3	75	25.0
Cottonwood.....			311	30,860	127,228	4.1	38,772	517,086	13.3	131,946	1,653,860	12.5		17,707	298,191	16.8
Crow Wing.....				148	2,103	14.2	971	17,859	18.4	5,140	82,200	16.0		2,138	25,693	12.0
Dakota.....	173,652	1,435,874	123,958	1,323,975	10.7	3,544	64,806	18.3	26,782	434,500	16.2	16,496	334,230	20.3		
Dodge.....	74,757	634,741	90,400	884,839	9.8	7,680	132,900	17.3	26,476	344,040	13.0	9,683	175,229	18.1		
Douglas.....	150	59,375	27,692	459,877	16.6	65,596	1,242,496	18.9	97,299	1,823,830	18.7	63,643	1,208,710	19.0		
Faribault.....	5,285	552,940	61,366	645,618	10.5	76,850	1,265,001	16.5	154,617	1,943,020	12.6	73,274	1,170,259	16.0		
Fillmore.....	391,350	1,688,034	165,904	1,626,387	9.8	8,765	156,728	17.9	21,657	326,910	15.1	9,264	159,515	17.2		
Freeborn.....	16,001	538,398	103,783	1,143,859	11.0	37,329	595,623	16.0	69,241	1,010,420	14.6	41,870	739,156	17.7		
Goodhue.....	152,348	1,815,603	199,142	2,415,891	12.1	32,580	604,327	18.5	70,998	1,192,880	16.8	33,003	639,250	19.4		
Grant.....		1,552	15,857	226,467	14.3	63,001	1,150,987	18.3	94,922	1,362,230	14.4	54,207	923,778	17.0		
Hennepin.....	135,715	379,063	49,020	671,015	13.7	11,258	239,275	21.3	36,117	657,320	18.2	17,560	399,733	22.8		
Houston.....	108,518	623,557	62,161	654,336	10.5	8,477	129,619	15.3	10,606	174,500	16.5	5,545	65,500	18.5		
Hubbard.....							9,561	138,084	14.4	13,365	176,810	13.2	3,115	28,657	9.2	
Isanti.....		407	16,025	9,505	140,546	14.8	2,251	35,482	15.8	13,882	229,640	16.5	9,339	175,898	18.8	
Itasca.....	10									120	1,940	16.2	69	1,289	18.7	
Jackson.....		57	24,150	15,952	81,680	5.1	20,845	294,797	14.1	99,505	1,021,980	10.3	6,157	104,843	17.0	
Kanabec.....		4	100	193	2,445	12.7	70	882	12.6	2,234	40,330	18.1	1,527	26,734	17.5	
Kandiyohi.....		154	20,161	60,326	800,753	13.3	89,284	1,220,275	13.7	142,126	2,090,900	14.7	69,216	1,409,545	20.4	
Kittson.....				146	2,110	14.5	66,536	751,227	11.3	104,085	1,772,120	17.0	95,621	1,362,845	14.3	
Koochiching.....													15	345	23.0	
Lac qui Parle.....				22,937	274,085	11.9	106,889	1,639,868	15.3	218,420	3,219,230	14.7	104,421	1,725,859	16.5	
Lake.....			220							3	80	26.7	5	113	22.6	
Le Sueur.....	34,701	248,609	37,430	580,793	15.5	45,363	989,016	21.8	74,012	1,331,840	18.0	63,317	1,242,597	19.6		
Lincoln.....			9,047	94,889	10.5	36,745	332,008	9.0	105,147	1,374,010	13.1	29,046	467,079	16.1		
Lyon.....			35,785	323,044	9.0	59,892	683,112	11.4	152,634	2,105,800	13.8	20,912	334,708	16.0		
McLeod.....	6,500	149,451	40,592	537,447	13.1	65,907	1,400,973	21.3	87,319	1,651,430	18.9	65,102	1,416,200	21.8		
Mahnomen.....	250												4,127	52,664	12.8	
Mankato.....																
Marshall.....			173	3,594	20.8	89,065	1,156,171	13.0	149,040	2,225,440	14.9	96,561	1,437,876	14.9		
Martin.....	245	99,565	13,161	100,924	7.7	16,058	261,677	16.3	107,934	1,114,990	10.3	5,629	83,631	14.9		
Meeker.....	8,324	135,147	55,008	665,269	12.1	87,890	1,514,911	17.2	113,068	1,805,980	16.0	74,397	1,583,854	21.3		
Mille Lacs.....	84	7,920	1,192	16,440	13.8	384	6,853	17.8	4,002	73,490	18.4	2,427	53,533	22.1		
Monongalia.....	1,250	77,154														
Morrison.....	3,014	11,927	11,992	199,931	16.7	30,903	485,267	15.7	63,894	986,150	15.4	40,637	616,640	15.2		
Mower.....	31,476	673,017	138,023	1,370,160	9.9	6,507	108,763	16.7	15,402	198,990	12.9	6,377	115,411	18.1		
Murray.....		835	12,587	77,970	6.2	34,642	363,753	10.5	118,231	1,531,850	13.9	5,905	92,425	15.7		
Nicollet.....	22,434	315,803	59,094	704,290	11.9	70,173	1,312,239	18.7	82,476	1,482,440	18.0	56,227	1,086,536	19.3		
Nobles.....			22,353	60,698	2.7	34,594	392,127	11.3	107,058	1,251,220	11.7	1,188	18,397	15.5		
Norman.....							107,415	1,233,249	11.5	137,419	1,459,030	10.6	80,758	1,213,075	15.0	
Olmsted.....	232,469	2,117,074	152,204	1,656,286	10.9	10,320	198,992	19.3	24,487	396,200	16.2	7,429	137,041	18.5		
Otter Tail.....	700	8,406	56,189	860,965	15.3	160,133	2,623,538	16.4	241,169	3,941,120	16.3	166,023	2,436,207	14.7		
Pembina.....	100															
Pennington.....													21,803	331,193	15.2	
Pierce.....																
Pine.....		143	86	122	1,554	12.8	107	1,590	14.9	3,971	69,440	17.5	3,551	58,751	16.5	
Pipestone.....				5,673	37,547	6.6	27,921	204,089	7.3	74,786	951,800	12.7	7,481	113,990	15.2	
Polk.....		950	30,061	529,692	17.6	237,429	3,013,361	12.7	305,807	4,128,620	13.5	164,229	2,621,256	16.0		
Pope.....			53,721	32,233	381,977	11.9	79,201	1,163,201	14.7	130,502	1,779,850	13.6	68,491	1,220,437	17.8	
Ramsey.....	390	12,266	54,321	8,460	122,466	14.5	331	6,091	18.4	2,912	53,640	18.4	635	14,377	22.6	
Red Lake.....										55,221	747,450	13.5	10,279	165,942	16.1	
Redwood.....			5,409	34,014	207,535	6.1	57,224	871,087	15.2	164,508	2,529,620	15.4	72,339	1,193,156	16.5	
Renville.....	200	43,289	57,784	605,404	10.5	132,281	1,956,002	14.8	225,178	3,698,160	16.4	124,802	2,758,325	22.1		
Rice.....	130,433	531,206	74,873	907,514	12.1	30,609	570,450	18.6	62,036	1,071,330	17.3	42,799	895,927	20.9		
Rock.....			130	36,018	118,378	3.3	27,684	348,658	12.6	74,211	1,046,740	14.1	2,276	33,611	14.8	
Roseau.....							5,894	89,780	15.2				18,172	243,362	13.4	
Saint Louis.....	253		209	3,878	18.6					54	870	16.1	91	1,899	20.9	
Scott.....	48,797	362,406	40,863	697,261	17.1	31,906	604,999	19.0	46,116	846,750	18.4	34,095	704,437	20.7		
Sherburne.....	9,640	26,457	8,527	115,388	13.5	7,044	79,398	11.3	18,883	227,930	12.1	3,709	61,945	16.7		
Sibley.....	15,014	237,706	46,393	598,956	12.9	82,938	1,622,7									

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TABLE XIII—ACREAGE AND PRODUCTION OF WHEAT IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880			1890			1900			1910		
	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre
Stearns.....		55,801	305,114	79,193	1,135,704	14.3	131,656	1,992,246	15.1	192,515	3,022,230	15.7	116,052	2,180,607	18.8
Steele.....		28,131	385,214	76,772	846,219	11.0	33,969	462,770	13.6	65,047	963,250	14.8	43,597	775,609	17.8
Stevens.....			2,064	31,517	417,076	13.2	42,937	731,824	17.0	123,782	1,591,660	12.9	62,332	1,022,204	16.4
Swift.....				44,396	492,763	11.1	66,098	971,484	14.7	163,542	1,994,730	12.2	85,016	1,396,548	16.4
Todd.....		585	15,907	13,433	190,074	14.1	28,322	432,933	15.3	66,317	1,036,060	15.6	36,082	566,915	15.7
Toombs.....															
Traverse.....				3,448	45,668	13.2	67,614	1,301,646	19.3	161,660	2,057,510	12.7	86,358	1,487,530	17.2
Wabasha.....	200	114,227	1,480,293	118,435	1,461,674	12.3	16,673	305,388	18.3	26,404	427,400	16.2	9,458	176,935	18.7
Wadena.....				2,976	47,634	16.0	12,186	126,861	10.4	25,657	307,180	12.0	4,898	47,761	9.8
Wahnahta.....	150														
Waseca.....		16,648	400,288	68,827	693,861	10.1	53,820	794,458	14.8	86,663	1,251,860	14.4	58,346	977,335	16.8
Washington.....		76,264	444,411	52,268	657,569	12.6	6,116	117,856	19.3	21,541	352,610	16.4	9,851	219,419	22.3
Watsonwan.....			75,865	23,854	121,613	5.1	27,900	497,702	17.8	85,921	992,320	11.6	13,357	226,009	16.9
Wilkin.....			465	5,141	72,500	14.1	47,902	763,185	15.8	138,202	1,781,820	12.9	89,955	1,338,601	14.9
Winona.....		166,950	1,357,954	113,962	1,216,872	10.7	24,259	466,845	19.2	19,127	286,540	15.0	3,376	67,111	19.9
Wright.....		37,663	134,095	38,792	603,240	15.6	52,868	1,147,154	21.7	93,023	1,731,720	18.6	63,448	1,385,441	21.8
Yellow Medicine.....															
Indian Reservations.....				24,504	285,672	11.7	79,837	998,455	12.5	173,855	2,552,700	14.7	70,892	1,190,464	16.8
										6,008	81,340	13.5			
Totals for the State.....	1,401	*2,186,973	18,866,073	3,044,670	34,601,030	11.4	3,372,627	52,300,247	15.5	6,560,707	95,278,660	14.5	3,276,911	57,094,412	17.4

* Totals given in census (1860, p. 81) 2,186,993.
Correct sum of county items 2,186,973.

TABLE XIV—ACREAGE AND PRODUCTION OF OATS IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880			1890			1900			1910		
	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre
Aitkin.....				13	490	37.7	319	10,785	33.8	716	23,800	33.2	1,066	23,471	22.0
Anoka.....		9,917	17,715	1,862	54,876	29.5	6,272	213,178	34.0	7,952	257,580	32.4	9,668	278,498	28.8
Becker.....			1,553	3,158	122,377	38.8	10,281	165,548	16.1	16,268	497,960	30.6	32,274	778,353	24.1
Beltrami.....										741	20,460	27.6	1,915	47,856	25.0
Benton.....	60	5,700	7,672	1,571	52,214	33.2	8,244	207,810	25.2	8,353	259,750	31.1	13,418	492,874	36.7
Big Stone.....			1,995	77,882	39.0	12,796	406,404	31.8	20,606	644,840	31.3	27,200	953,654	35.1	
Blue Earth.....	22,838	467,575	21,766	699,426	32.1	35,528	1,329,254	37.4	39,746	1,391,370	35.0	43,732	1,487,907	34.0	
Breckenridge.....															
Brown.....	9,071	156,768	12,004	453,274	37.8	21,010	828,322	39.4	26,767	1,037,460	38.8	35,397	1,277,400	36.1	
Buchanan.....															
Carlton.....		268	152	5,395	35.5	88	2,411	27.4	349	9,740	27.9	1,342	40,290	30.0	
Carver.....	16,669	140,375	6,498	291,460	44.9	9,169	430,425	46.9	10,318	468,610	45.4	13,409	580,154	43.3	
Cass.....		1,200	1,200	2,208	15.3	144	2,208	15.3	1,437	34,070	23.7	2,856	48,873	17.1	
Chippewa.....		2,465	5,874	240,275	40.9	17,009	519,908	30.6	27,396	1,015,260	37.1	59,142	2,067,318	35.0	
Chisago.....	13,115	39,596	2,980	109,112	36.6	7,003	256,118	36.6	12,701	498,130	39.2	15,788	568,407	36.0	
Clay.....			4,932	191,154	38.8	29,531	530,567	18.0	51,219	1,447,380	28.3	89,463	2,331,847	26.1	
Clearwater.....												4,325	114,288	26.4	
Cook.....										1	30	30.0	50	2,335	46.7
Cottonwood.....			215	5,857	205,155	35.0	22,940	623,534	27.2	34,172	1,154,310	33.8	62,775	1,873,350	29.8
Crow Wing.....			208	5,899	28.4	2,347	59,976	25.6	4,181	100,340	24.0	5,950	104,963	17.6	
Dakota.....	270,211	634,806	19,735	731,897	37.1	75,755	2,534,796	33.5	99,398	3,348,030	33.7	69,781	2,211,177	31.7	
Dodge.....	51,311	384,528	17,114	666,081	38.9	21,854	777,999	35.6	33,111	954,300	28.8	25,114	643,343	25.6	
Douglas.....	1,220	65,568	6,748	277,996	41.2	14,336	441,548	30.8	18,827	701,650	37.3	23,385	820,913	35.1	
Faribault.....	6,804	394,992	19,012	684,894	36.0	38,312	1,281,839	33.5	39,233	1,212,120	30.9	47,105	1,390,702	29.5	
Fillmore.....	295,000	976,281	36,681	1,370,309	37.4	69,259	2,750,757	39.7	87,179	3,011,400	34.5	70,775	2,198,157	31.1	
Freeborn.....	7,123	326,766	20,445	747,030	36.5	41,845	1,401,041	33.5	54,935	1,702,330	31.0	45,274	1,093,453	24.2	
Goodhue.....	104,509	825,301	29,794	1,275,772	42.8	59,266	2,348,374	39.6	50,613	1,680,880	33.2	49,044	1,678,348	34.2	
Grant.....		2,273	3,047	137,952	45.3	15,169	440,835	29.1	26,317	824,230	31.3	47,593	1,542,716	32.4	
Hennepin.....	136,696	226,361	10,594	414,664	39.1	24,877	991,205	39.8	27,025	990,500	36.7	20,941	757,434	36.2	
Houston.....	63,553	227,688	14,699	514,076	35.0	37,053	1,261,577	34.0	42,617	1,345,090	31.6	29,748	849,657	28.6	
Hubbard.....						2,906	47,884	16.5	2,603	55,050	21.1	10,377	150,076	14.5	
Isanti.....	749	11,860	1,919	64,604	33.7	8,219	267,704	32.6	11,677	386,940	33.1	15,249	527,392	34.6	
Itasca.....						11	420	38.2	219	6,280	28.7	515	14,159	27.5	
Jackson.....		24,366	6,069	202,634	33.4	21,510	558,937	26.0	45,696	1,302,310	28.5	74,229	2,149,869	29.0	
Kanabec.....		750	200	49	1,585	32.3	593	17,496	29.5	1,119	40,130	35.9	3,499	113,598	32.5
Kandiyohi.....			7,832	10,390	426,642	41.1	20,221	582,556	28.8	28,262	1,010,220	35.7	48,237	1,771,599	36.7
Kittson.....			65	1,870	28.8	9,438	161,663	17.1	20,431	717,530	35.1	36,936	1,029,360	27.9	
Koochiching.....												162	5,050	31.2	

APPENDIX

TABLE XIV—ACREAGE AND PRODUCTION OF OATS IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880			1890			1900			1910		
	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre
Ac qui Parle				3,765	165,295	43.9	20,498	607,794	29.7	29,179	1,134,780	38.9	61,052	2,187,058	35.8
Lake				21	558	26.6	8	212	26.5	7	230	32.9	7	310	44.3
Le Sueur		51,096	152,682	6,535	267,553	40.9	8,271	346,909	41.9	8,492	339,210	39.9	10,391	427,419	41.1
Lincoln				1,998	78,589	39.3	11,118	136,854	12.3	21,504	776,410	36.1	28,367	958,643	33.8
Lyon				7,706	278,914	36.2	20,454	446,596	21.8	29,003	1,111,700	38.3	67,207	2,186,449	32.5
McLeod		4,894	96,487	9,201	401,934	43.7	15,447	665,098	43.1	16,460	777,420	47.2	18,798	799,011	42.5
Mahnomen													3,514	78,890	22.5
Mankahtha															
Manomin		8,175													
Marshall				108	2,638	24.4	12,930	265,172	20.5	29,643	924,030	31.2	47,589	1,280,787	26.9
Martin		50	107,042	9,643	332,225	34.5	33,664	1,093,662	32.5	60,921	1,879,310	30.8	105,977	3,155,585	29.8
Meeker		6,739	92,532	10,132	398,071	39.3	17,235	557,385	32.3	20,408	832,250	40.8	26,155	1,040,683	39.8
Mille Lacs		104	9,131	563	18,571	33.0	1,468	46,496	31.7	2,319	80,390	34.7	3,998	164,764	41.2
Monongalia		720	48,999												
Morrison		13,008	18,987	3,298	157,546	47.8	11,480	315,728	27.5	15,950	495,490	31.1	23,195	694,529	29.9
Mower		21,792	463,085	27,443	1,044,943	38.1	62,313	2,433,849	39.1	114,452	4,188,380	36.6	100,730	3,020,317	30.0
Murray			522	3,317	111,417	33.6	18,132	355,620	19.6	35,704	1,273,740	35.7	62,511	1,809,650	28.9
Nicollet		49,726	264,565	14,899	491,304	33.0	16,664	773,769	46.4	18,196	808,160	44.4	20,227	782,822	38.7
Nobles				6,978	141,862	20.3	27,031	526,289	19.5	51,000	1,610,920	31.6	89,972	2,537,176	28.2
Norman							23,438	315,403	13.5	31,676	754,550	23.8	52,300	1,338,434	25.6
Olmsted		222,393	996,364	28,377	1,093,924	38.5	47,297	1,936,364	40.9	59,063	2,089,320	35.4	47,792	1,414,011	29.6
Otter Tail		1,630	6,701	12,030	437,748	36.4	42,777	1,001,020	23.4	52,059	1,541,520	29.6	83,328	2,142,813	25.7
Pembina															
Pennington													16,033	421,078	26.3
Pierce															
Pine		370	460	86	2,824	32.8	359	9,995	27.8	2,258	74,460	33.0	6,567	195,002	29.7
Pipestone				1,711	52,192	30.5	15,102	152,332	10.1	28,120	964,580	34.3	47,695	1,354,742	28.4
Polk		1,400		6,678	226,221	33.9	44,215	816,626	18.5	65,267	1,873,450	28.7	96,774	2,747,228	28.4
Pope			44,395	6,815	288,337	42.3	21,275	619,853	29.1	29,518	907,460	30.7	43,227	1,490,207	34.5
Ramsey		6,260	53,868	2,258	80,204	35.5	3,145	127,724	40.6	6,906	273,000	39.5	6,405	237,835	37.1
Red Lake										20,818	607,300	29.2	16,478	422,846	25.7
Redwood			6,978	6,614	212,647	32.2	18,796	553,233	29.4	29,601	1,250,370	42.2	68,666	2,419,502	35.2
Renville		660	27,659	12,212	503,299	41.2	31,232	992,926	31.8	41,203	1,694,060	41.1	60,060	2,319,684	38.6
Rice		125,545	348,543	12,726	507,522	39.9	30,876	1,014,026	32.8	40,063	1,465,130	36.6	33,967	1,250,004	36.8
Rock			600	7,974	246,924	31.0	25,842	577,593	22.4	34,433	1,167,290	33.9	63,464	2,082,469	32.8
Roseau										3,276	94,790	28.9	11,650	298,330	25.6
Saint Louis		343		349	11,856	34.0	265	5,043	19.0	259	4,890	18.9	1,008	31,069	30.8
Scott		57,352	165,247	6,014	266,166	44.3	13,199	503,770	38.2	15,251	569,650	37.4	15,680	601,878	38.4
Sherburne		12,957	17,797	1,618	49,380	30.5	11,585	240,851	20.8	7,917	187,900	23.7	15,347	445,734	29.0
Sibley		16,660	221,416	10,541	459,239	43.6	18,013	796,985	44.2	22,432	946,220	42.2	25,078	988,002	39.4
Stearns		49,369	447,193	19,559	728,996	37.3	36,235	1,033,753	28.5	42,508	1,449,370	34.1	72,695	2,694,415	37.1
Steele		30,084	230,421	13,044	512,287	39.3	24,560	711,438	29.0	27,524	801,590	29.1	21,057	657,586	31.2
Stevens			3,234	7,682	304,007	39.6	16,440	509,780	31.0	27,464	774,050	28.2	40,463	1,402,682	34.7
Swift				8,037	304,302	37.9	21,777	644,390	29.6	34,730	1,089,070	31.4	53,648	1,861,317	34.7
Todd		1,260	18,012	3,396	113,854	33.5	9,372	197,638	21.1	12,454	385,770	31.0	25,804	722,298	28.0
Toombs															
Traverse				1,016	38,446	37.8	12,062	374,924	31.1	26,237	702,330	26.8	39,887	1,346,148	33.8
Wabasha		1,000	110,550	18,194	744,653	40.9	35,364	1,416,965	40.1	33,762	1,203,190	35.6	30,960	1,116,886	36.1
Wadena				480	17,924	37.3	4,452	66,927	15.0	5,315	109,050	20.5	11,586	164,461	14.2
Wahnahta															
Waseca		10,932	208,243	11,151	405,653	36.4	17,539	535,909	30.6	16,434	529,410	32.2	15,352	493,112	32.1
Washington		23,262	267,086	8,928	343,392	38.5	29,635	1,160,480	39.2	29,963	1,033,510	34.5	33,155	1,174,069	35.4
Watsonwan			46,068	6,387	191,548	30.0	22,660	796,554	35.2	30,741	1,016,960	33.1	47,116	1,574,090	33.4
Wilkin			4,425	1,109	39,147	35.3	12,803	309,656	24.2	31,211	876,210	28.1	50,049	1,243,065	24.8
Winona		145,830	598,871	19,947	795,624	39.9	36,664	1,530,805	41.8	39,412	1,313,850	33.3	35,589	1,169,273	34.8
Wright		30,339	97,282	7,436	292,303	39.3	14,397	541,708	37.6	15,881	630,910	39.7	19,016	759,700	40.0
Yellow Medicine				4,262	193,124	45.3	17,864	439,608	24.6	27,748	1,189,950	42.9	61,888	2,174,813	35.1
Indian Reservations										4,398	100,490	22.8			
Totals for the State	30,582	2,176,002	10,678,261	617,469	23,382,158	37.9	1,579,258	49,958,791	31.6	2,201,325	74,054,150	33.6	2,977,208	93,897,717	31.5

TABLE XV — ACREAGE AND PRODUCTION OF CORN IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880			1890			1900			1910			
	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	
Aitkin			38	17	515	30.3	86	2,675	31.1	489	17,860	36.5	924	30,167	32.6	
Anoka		40,411	36,838	4,496	121,995	27.1	8,868	278,951	31.3	11,135	307,300	27.6	12,076	375,378	31.1	
Becker			330	228	9,353	41.0	253	7,678	30.4	1,300	38,510	29.6	3,126	97,115	31.1	
Beltrami							1		2.0	172	4,240	24.7	589	19,631	33.3	
Benton	160	6,005	5,036	1,081	29,573	27.4	4,209	85,635	20.3	6,732	162,690	24.2	10,056	304,470	30.3	
Big Stone				746	13,203	17.7	2,244	49,985	22.3	11,270	273,700	24.3	13,934	441,405	31.7	
Blue Earth		72,070	198,060	21,636	689,835	31.9	42,319	1,286,275	30.4	44,214	1,697,760	38.4	67,157	2,532,182	37.7	
Breckenridge																
Brown		29,332	34,525	9,874	335,055	33.9	16,417	497,446	30.3	20,797	691,150	33.2	44,738	1,750,881	39.1	
Buchanan																
Carlton				50	2,281	45.6	8	213	26.6	73	2,220	30.4	49	1,419	29.0	
Carver		78,072	122,140	7,405	298,772	40.3	12,987	412,100	31.7	16,929	713,150	42.1	18,601	845,214	45.4	
Cass			330				425	10,870	25.6	2,071	50,500	24.4	2,393	64,066	26.8	
Chippewa			3,550	2,080	65,853	31.7	4,486	103,374	23.0	19,022	497,750	26.2	35,599	1,147,639	32.2	
Chisago		20,697	13,603	1,738	45,435	26.1	2,971	107,583	36.2	4,210	130,980	31.1	6,060	211,416	34.9	
Clay				70	1,784	25.5	118	2,283	19.4	817	23,650	28.9	2,345	72,451	30.9	
Clearwater													171	5,560	32.5	
Cook																
Cottonwood		70	225	4,181	103,297	24.7	6,165	103,253	16.7	24,296	693,260	28.5	50,891	1,737,431	34.1	
Crow Wing			3,285	145	5,002	34.5	1,918	55,815	29.1	3,253	91,200	28.0	5,224	135,263	25.9	
Dakota	143,842		210,286	14,673	467,135	31.8	22,811	709,987	31.1	21,985	738,980	33.6	29,042	927,323	31.9	
Dodge			81,277	8,105	294,624	36.4	14,316	379,247	26.5	20,423	736,960	36.1	23,214	742,211	32.0	
Douglas		1,065	6,570	1,278	50,991	39.9	2,485	76,816	30.9	6,593	214,870	32.6	8,927	308,805	34.6	
Faribault		18,425	137,496	21,277	733,330	34.5	35,543	798,641	22.5	43,356	1,625,670	37.5	66,798	2,481,412	37.1	
Fillmore		433,895	389,956	27,724	970,818	35.0	54,247	1,759,139	32.4	63,073	2,530,050	40.1	57,507	1,913,779	33.3	
Freeborn		61,965	134,638	14,537	532,514	36.6	41,429	773,043	18.7	40,363	1,590,750	39.4	51,385	1,761,670	34.3	
Goodhue		124,686	209,790	16,846	586,798	34.8	35,824	1,018,182	28.4	25,622	922,140	36.0	27,267	951,862	34.9	
Grant			100	155	5,847	37.7	556	14,910	26.8	3,120	77,450	24.8	9,386	272,798	29.1	
Hennepin		222,684	259,418	16,488	594,159	36.0	22,337	808,199	36.2	24,213	811,040	33.5	23,782	995,159	41.8	
Houston		143,825	249,761	22,692	822,763	36.3	35,445	1,191,986	33.6	35,710	1,306,150	36.6	30,816	1,215,563	39.4	
Hubbard							239	5,742	24.0	1,790	42,400	23.7	4,014	106,044	26.4	
Isanti		3,460	8,699	2,078	58,877	28.3	8,835	144,005	24.7	5,877	159,700	27.2	7,568	217,530	28.7	
Itasca							4	132	33.0	53	1,340	25.3	88	3,617	41.1	
Jackson		485	6,405	4,040	105,279	26.1	11,493	241,286	21.0	43,168	1,207,700	28.0	66,636	2,303,976	34.6	
Kanabec		800	100	30	896	29.9	89	2,276	25.6	410	13,070	31.9	1,226	40,129	32.7	
Kandiyohi		1,490	488	2,313	91,671	39.6	4,747	95,277	20.1	13,423	379,950	28.3	30,730	900,407	29.3	
Kittson										6	210	35.0	1,435	30,118	21.0	
Koochiching													3	55	18.3	
Lac qui Parle				2,233	57,445	25.7	9,485	204,941	21.6	30,565	895,970	29.3	45,833	1,480,031	32.3	
Lake																
Le Sueur		162,511	264,288	15,035	595,588	39.6	26,809	809,245	30.2	27,637	1,052,140	38.1	32,047	1,253,738	39.1	
Lincoln				1,055	19,199	18.2	3,339	38,945	11.7	17,473	415,790	23.8	19,211	523,670	27.3	
Lyon				4,091	103,464	25.3	10,134	185,378	18.3	35,011	950,450	27.1	52,656	1,553,976	29.5	
McLeod		13,550	48,381	5,802	269,739	46.5	10,757	360,067	33.5	17,409	680,370	39.1	24,024	937,430	39.0	
Mahnomen													100	3,003	30.0	
Mankato																
Manomin		6,715														
Marshall				17	540	31.8	12	210	17.5	79	2,340	29.6	763	19,423	25.5	
Martin		1,775	39,149	10,181	312,235	30.7	25,226	635,073	25.2	53,191	1,685,860	31.7	79,370	2,936,289	37.0	
Meeker		11,723	28,974	4,459	166,625	37.4	9,050	250,478	27.7	15,028	480,000	31.9	23,991	841,327	35.1	
Mille Lacs			655	9,572	23,669	36.0	1,557	38,712	24.9	2,925	91,290	31.2	2,659	89,661	33.7	
Monongalia			1,655	4,930												
Morrison		1,345	9,345	1,318	37,350	28.3	6,362	192,261	30.2	12,073	297,810	24.7	16,036	467,967	29.2	
Mower		47,182	118,771	13,145	423,113	32.2	23,470	534,906	22.8	37,579	1,398,630	37.2	41,686	1,287,543	30.9	
Murray		110	720	2,439	56,867	23.3	4,111	68,007	16.5	36,944	1,002,550	27.1	53,820	1,510,531	28.1	
Nicollet		53,197	83,256	8,628	325,918	37.8	16,338	476,196	29.1	21,572	880,340	40.8	28,790	1,148,333	39.9	
Nobles				5,894	160,334	27.2	14,397	258,168	17.9	57,445	1,675,130	29.2	75,190	2,191,650	29.1	
Norman							143	2,544	17.8	450	12,790	28.4	2,259	63,947	28.3	
Olmsted		206,991	340,223	15,449	568,150	36.8	34,491	1,012,075	29.3	38,128	1,402,060	36.8	43,120	1,230,593	28.5	
Otter Tail		3,320	942	2,204	62,568	28.4	7,024	204,860	29.2	19,551	535,520	27.4	30,983	986,681	31.8	
Pembina	60															
Pennington													168	5,815	34.6	
Pierce																
Pine		650	110	28	1,150	41.1	208	6,240	30.0	1,259	35,200	28.0	3,037	86,671	28.5	
Pipestone				928	16,914	18.2	4,725	55,482	11.7	22,710	598,600	26.4	34,039	917,431	27.0	
Polk		2,350		117	3,627	31.0	153	4,100	26.8	575	15,020	26.1	2,903	96,890	33.4	
Pope			1,925	1,009	36,785	36.5	2,609	74,748	28.7	6,849	201,760	29.5	11,504	325,999	28.3	
Ramsey		1,615	29,271	38,020	1,675	58,360	34.8	1,726	62,560	36.2	2,603	89,140	34.2	3,182	119,596	37.6
Red Lake										159	4,420	27.8	614	20,799	33.9	
Redwood				2,240	122,527	26.3	10,256	248,695	24.2	33,696	1,088,290	32.3	66,313	2,397,090	36.1	
Renville		1,320	6,537	6,532	233,371	35.7	14,862	385,930	26.0	37,496	1,118,950	29.8	60,368	2,124,394	35.2	
Rice		168,092	227,931	11,524	405,990	35.2	23,437	659,494	28.1	24,366	852,440	35.0	28,682	981,293	34.2	
Rock			400	5,551	173,158	31.2	17,534	370,574	21.1	44,166	1,491,360	33.8	60,051	2,105,071	35.1	
Roseau										26	380	14.6	148	4,424	23.1	
Saint Louis		10								29	990	34.1	84	3,026	36.0	
Scott		88,789	186,012	8,593	303,475	35.3	15,127	508,274	33.6	16,720	666,670	39.9	16,911	671,422	39.7	
Sherburne		18,199	37,006	5,365	143,408	26.7	16,783	314,451	18.7	21,343	568,550	26.6	21,458	582,779	27.2	

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TABLE XV.—ACREAGE AND PRODUCTION OF CORN IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880			1890			1900			1910		
	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre
Sibley		49,180	142,060	7,226	247,617	34.3	15,026	490,700	32.7	24,025	821,040	34.2	32,296	1,229,667	38.1
Stearns		41,880	78,627	8,883	274,770	30.9	14,326	327,490	22.9	26,696	802,710	30.1	38,167	1,215,007	31.8
Steele		54,043	82,040	9,461	329,460	34.8	23,794	534,704	22.5	20,459	723,100	35.3	26,316	851,953	32.4
Stevens			235	338	11,632	34.4	1,137	29,187	25.7	8,235	201,780	24.5	12,415	326,935	26.3
Swift				1,809	46,768	25.9	3,421	90,394	26.4	12,452	362,730	29.1	25,168	790,078	31.4
Todd		1,385	3,814	1,191	38,025	31.9	3,822	116,773	30.6	10,709	303,170	28.3	14,111	448,403	31.8
Toombs															
Traverse			300	404	6,730	16.7	1,186	28,842	24.3	8,792	173,440	19.7	13,769	400,533	29.1
Wabasha	1,855	144,523	312,697	13,949	488,236	35.0	33,467	985,757	29.5	25,205	865,330	34.3	25,069	856,271	34.2
Wadena			100	232	6,685	28.8	1,162	32,941	28.3	6,073	150,780	24.8	7,753	214,186	27.6
Wahnahta	1,115														
Waseca		42,579	98,478	9,183	292,790	31.9	19,669	496,232	25.2	22,584	879,110	38.9	30,727	1,075,768	35.0
Washington	11,830	99,334	113,650	7,388	255,110	34.5	13,967	478,574	34.3	12,593	384,170	30.5	14,823	586,125	39.5
Watonswan			6,391	5,595	131,999	23.6	13,889	364,554	26.2	25,544	865,290	33.9	42,270	1,637,835	38.7
Wilkin				52	1,707	32.8	570	12,982	22.8	2,562	64,770	25.3	7,744	236,344	30.5
Winona		161,115	273,477	15,289	546,767	35.8	26,536	898,538	33.9	26,704	943,380	35.3	28,802	922,948	32.0
Wright		58,546	69,572	10,871	371,235	34.1	20,794	641,982	30.9	30,156	1,006,820	33.4	37,207	1,509,337	40.6
Yellow Medicine				2,293	62,986	27.5	7,924	181,176	22.9	27,459	756,690	27.6	51,674	1,683,022	32.6
Indian Reservations										310	7,450	24.0			
Totals for the State	16,725	2,941,952	4,743,117	438,737	14,831,741	33.8	901,690	24,696,446	27.4	1,441,580	47,256,920	32.8	2,004,068	67,897,051	33.9

TABLE XVI.—ACREAGE AND PRODUCTION OF BARLEY IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880			1890			1900			1910		
	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre
Aitkin							13	277	21.3	61	1,480	24.3	141	2,458	17.4
Anoka		223	481	97	1,370	14.1	10	100	10.0	252	6,540	26.0	613	16,604	27.1
Becker				454	12,454	27.4	1,047	18,854	18.0	1,651	44,660	27.1	8,501	182,660	21.5
Beltrami										194	3,840	19.9	502	8,945	17.8
Benton			314	53	1,102	20.8	198	4,202	21.2	347	6,470	18.6	3,521	96,725	27.5
Big Stone				240	5,496	22.9	790	19,124	24.2	2,078	51,770	24.9	23,130	489,512	21.1
Blue Earth		476	35,146	3,029	56,398	18.6	4,148	110,951	26.7	5,210	162,090	31.1	12,580	280,765	22.3
Breckenridge															
Brown		648	24,448	1,367	29,047	21.2	1,188	26,960	22.7	2,656	75,880	28.6	12,336	262,571	21.3
Buchanan															
Carlton		128					5	72	14.4	52	950	18.3	369	7,580	20.5
Carver		5,317	33,987	1,479	48,084	32.5	622	18,696	30.1	1,018	34,440	33.8	6,439	198,814	30.9
Cass										190	4,010	21.1	563	8,771	15.6
Chippewa			450	521	12,527	24.0	1,356	30,051	22.2	6,208	184,120	29.7	23,921	509,228	21.3
Chisago		636	1,848	201	6,311	31.4	156	3,422	21.9	402	11,980	29.8	1,332	40,804	30.6
Clay				495	13,606	27.5	4,723	77,796	16.5	6,806	174,640	25.7	28,933	640,693	22.1
Clearwater													1,654	32,854	19.9
Cook													2	70	35.0
Cottonwood				2,088	38,972	18.7	4,509	84,036	18.6	15,449	418,540	27.1	25,322	490,343	19.4
Crow Wing							50	976	19.5	180	2,950	16.4	621	10,217	16.5
Dakota		5,248	33,877	2,583	67,892	26.3	691	19,940	28.9	8,103	233,070	28.8	22,613	563,989	24.9
Dodge		7,749	47,150	5,771	153,873	26.7	11,666	309,247	26.5	28,654	802,590	28.0	31,084	702,627	22.6
Douglas		45	3,934	812	20,761	25.6	878	21,266	24.2	2,408	71,090	29.5	15,609	415,066	26.5
Faribault		12	25,786	2,686	59,238	22.1	6,434	157,743	24.4	7,247	195,340	27.0	10,379	217,206	20.9
Fillmore		16,104	108,335	6,684	176,037	26.3	17,254	551,927	32.0	43,890	1,304,050	29.7	53,171	1,352,663	25.4
Freeborn		381	7,188	3,015	72,647	24.1	6,849	172,089	25.1	13,521	364,020	26.9	16,065	335,050	20.9
Goodhue		7,165	81,878	11,062	324,059	29.3	44,923	1,330,951	29.6	72,492	1,909,230	26.3	80,924	1,889,142	23.3
Grant			25	304	8,805	29.0	1,985	52,928	26.7	3,462	88,240	25.5	25,322	573,654	22.7
Hennepin		1,729	11,326	317	9,168	28.9	389	10,922	28.1	708	20,650	29.2	4,284	129,278	30.2
Houston		3,351	31,182	2,556	60,141	23.5	1,031	30,334	29.4	4,535	129,280	28.5	22,555	566,612	25.1
Hubbard							147	2,828	19.2	109	1,870	17.2	292	4,558	15.6
Isanti		20	57	35	823	23.5	17	284	16.7	119	2,660	22.4	453	11,752	25.9
Itasca										7	120	17.1	43	923	21.5
Jackson			392	1,479	22,159	15.0	9,929	172,473	17.4	34,004	871,910	25.6	27,927	524,567	18.8
Kanabec				15	319	21.3	14	175	12.5	98	2,340	23.9	508	11,586	22.8
Kandiyohi			651	703	18,068	25.7	932	19,680	21.1	6,632	193,440	29.2	31,011	729,589	23.5
Kittson				10	240	24.0	8,697	150,340	17.3	14,688	377,540	25.7	35,109	635,120	18.1
Koochiching										25	533	21.3			
Lac qui Parle				470	11,735	25.0	1,101	24,977	22.7	6,260	209,300	33.4	43,895	966,108	22.0

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TABLE XVI—ACREAGE AND PRODUCTION OF BARLEY IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880			1890			1900			1910			
	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	
Lake.....			20				4	130	32.5	5	120	24.0	1	16	16.0	
Le Sueur.....		1,043	18,692	452	11,910	26.4	518	15,928	30.7	1,167	40,230	34.5	4,762	132,029	27.7	
Lincoln.....				279	6,925	24.8	1,489	15,746	10.6	11,954	335,650	28.1	34,145	709,969	20.8	
Lyon.....				1,346	30,569	22.7	1,239	22,052	17.8	13,706	415,750	30.3	36,604	640,371	17.5	
McLeod.....		423	10,914	772	21,322	27.6	928	23,896	25.8	4,057	134,650	33.2	11,662	333,716	28.6	
Mahnomen.....													1,597	23,830	14.9	
Mankahta.....																
Manomin.....																
Marshall.....				5	56	11.2	7,811	163,671	21.0	15,432	368,600	23.9	41,591	856,862	20.6	
Martin.....			5,262	1,455	28,689	19.7	5,139	111,271	21.7	11,419	339,810	29.8	5,105	99,193	19.4	
Meeker.....		250	10,492	886	24,988	28.2	342	8,666	25.3	4,192	127,880	30.5	20,571	547,188	26.6	
Millie Lacs.....			96	42	850	20.2	34	847	24.9	292	7,910	27.1	1,097	33,771	30.8	
Monongalia.....			4,766													
Morrison.....			756	243	8,464	34.8	336	7,141	21.3	604	13,630	22.6	3,631	88,933	24.5	
Mower.....		837	39,975	9,382	257,342	27.4	20,074	541,561	27.0	29,577	821,300	27.8	23,505	552,293	23.5	
Murray.....			200	1,049	20,539	19.6	3,795	53,729	14.2	27,808	832,350	29.9	40,224	660,400	16.4	
Nicollet.....		3,507	32,411	1,754	50,624	28.9	960	29,129	30.3	2,784	95,640	34.4	7,060	188,333	26.7	
Nobles.....				1,116	12,762	11.4	10,086	122,692	12.2	43,724	1,231,600	28.2	29,719	483,145	16.3	
Norman.....							3,691	56,051	15.2	8,781	202,820	23.1	31,751	683,949	21.5	
Olmsted.....		9,932	114,056	12,603	344,962	27.4	36,154	1,152,809	31.9	70,932	2,032,280	28.7	63,428	1,379,796	21.8	
Otter Tail.....			37	946	23,568	24.9	3,581	70,918	19.8	4,921	130,340	26.5	31,122	717,080	23.0	
Pembina.....																
Pennington.....													6,396	115,024	18.0	
Pierce.....																
Pine.....							21	328	15.6	174	3,740	21.5	740	16,218	21.9	
Pipestone.....				146	2,660	18.2	2,992	18,082	6.0	34,386	919,670	26.7	42,707	797,416	18.7	
Polk.....		200		582	15,544	26.7	16,474	300,439	18.2	28,194	682,230	24.2	53,268	1,173,579	22.0	
Pope.....			2,239	423	11,670	27.6	990	23,149	23.4	2,908	81,440	28.0	15,036	379,889	25.3	
Ramsey.....	20	1,472	9,015	203	4,505	22.2	12	390	32.5	778	27,770	35.7	608	18,323	30.1	
Red Lake.....										3,149	60,150	19.1	4,269	82,563	19.3	
Redwood.....			470	1,559	29,337	18.8	1,173	25,019	21.3	10,011	316,590	31.6	21,131	419,775	19.9	
Renville.....			3,610	1,353	33,541	24.8	2,441	57,689	23.6	12,546	379,660	30.3	36,286	864,210	23.8	
Rice.....		12,208	36,773	890	22,789	25.6	1,603	31,916	19.9	4,768	141,360	29.6	16,570	468,340	28.3	
Rock.....				1,762	28,804	16.3	12,864	189,447	14.7	49,788	1,405,780	28.2	38,235	663,099	17.3	
Roseau.....										2,620	58,340	22.3	8,201	156,467	19.1	
Saint Louis.....		137		115	2,287	19.9	6	83	13.8	77	1,370	17.4	186	3,941	21.2	
Scott.....		2,544	15,667	360	9,846	27.4	324	8,241	25.4	1,424	46,300	32.5	4,240	115,500	27.2	
Sherburne.....			576	645	1,102	25.6	32	419	13.1	33	830	25.2	395	10,052	25.4	
Sibley.....			861	34,545	1,599	47,743	29.9	1,973	59,869	30.3	5,183	160,990	31.1	13,225	341,620	25.8
Stearns.....			1,650	23,856	1,518	39,259	25.9	1,296	27,486	21.2	5,197	148,080	28.5	23,597	654,100	27.7
Steele.....			1,041	12,709	869	21,585	24.8	4,792	93,784	19.6	4,872	146,370	30.0	11,479	282,883	24.6
Stevens.....				50	693	21,135	30.5	1,075	26,537	24.7	3,638	94,650	26.0	25,122	560,456	22.3
Swift.....					885	19,177	21.7	1,221	28,428	23.3	5,355	150,580	28.1	30,906	673,650	21.8
Todd.....			1,065	132	3,170	24.0	314	5,754	18.3	1,058	24,540	23.2	7,624	181,685	23.8	
Toombs.....																
Traverse.....				74	2,045	27.6	2,025	56,845	28.1	1,950	45,510	23.3	25,484	552,934	21.7	
Wabasha.....		4,183	80,125	10,343	282,962	27.4	34,146	990,512	29.0	69,183	1,902,250	27.5	67,990	1,682,961	24.8	
Wadena.....				52	1,699	32.7	114	1,618	14.2	315	6,600	21.0	1,115	17,079	15.3	
Wahnahta.....																
Waseca.....			136	8,754	912	20,106	22.0	1,183	23,427	19.8	2,507	72,790	29.0	7,196	169,011	23.5
Washington.....		1,196	19,646	42,155	2,506	67,693	27.0	4,310	114,379	26.5	10,540	287,470	27.3	13,761	385,627	28.0
Watsonwan.....				2,125	819	13,927	17.0	1,689	39,197	23.2	2,667	66,880	25.1	5,032	101,692	20.2
Wilkin.....				139	110	3,006	27.3	3,324	67,875	20.4	4,857	121,020	24.9	20,158	388,965	19.3
Winona.....		9,329	64,311	6,368	168,662	26.5	33,075	1,067,797	32.3	57,875	1,532,950	26.5	65,280	1,559,815	23.9	
Wright.....			361	7,639	470	14,434	30.7	297	8,036	27.1	2,104	62,380	29.6	11,258	335,546	29.8
Yellow Medicine.....					378	9,375	24.8	791	14,079	17.8	7,923	263,870	33.3	37,032	716,842	19.4
Indian Reservations.....										719	10,420	14.5				
Totals for the State.....	1,216	*119,568	1,032,024	116,020	2,972,965	25.6	358,510	9,100,683	25.4	877,845	24,314,240	27.7	1,573,761	34,927,773	22.2	

* Total as given in census (1860, p. 82) 109,668.
Correct sum of county items 119,568.

APPENDIX

TABLE XVII—ACREAGE AND PRODUCTION OF RYE IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880			1890			1900			1910		
	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre
Aitkin							2	60	30.0	34	610	17.9	23	332	14.4
Anoka		315	4,244	872	10,624	12.2	1,589	27,142	17.1	8,252	99,600	12.1	5,500	77,062	14.0
Becker				35	795	22.7	66	864	13.1	66	740	11.2	599	8,153	13.6
Beltrami													55	817	14.9
Benton		187	248	260	4,066	15.6	1,125	16,432	14.6	1,821	18,650	10.2	9,393	133,658	14.2
Big Stone				89	761	8.6	16	233	14.6	9	120	13.3	1,648	23,382	14.2
Blue Earth		2,635	3,559	244	4,959	20.3	295	6,698	22.7	817	16,490	20.2	1,587	25,896	16.3
Breckenridge															
Brown		1,097	770	269	4,856	18.1	84	1,643	19.6	615	11,380	18.5	8,727	154,559	17.7
Buchanan															
Carlton	38			37	650	17.6	7	87	12.4	186	3,240	17.4	77	1,623	21.1
Carver	9,463	4,031		116	2,610	22.5	2,104	55,914	26.6	2,362	61,520	26.0	1,888	43,614	23.1
Cass													1,056	13,543	12.8
Chippewa				6	128	21.3	4	135	33.8	407	4,800	11.8	548	8,963	16.4
Chisago		5,260	4,331	267	3,957	14.8	1,583	31,261	19.7	21	420	20.0	2,382	32,031	13.4
Clay							11	55	5.0	2,328	32,150	13.8	2,026	33,271	16.4
Clearwater													32	490	15.3
Cook										66	1,030	15.6			
Cottonwood				175	2,811	16.1	93	1,249	13.4	1,995	31,450	15.8	3,330	45,483	13.7
Crow Wing			400	28	645	23.0	17	222	13.1	536	6,480	12.1	1,146	16,941	14.8
Dakota	5,348	4,664		201	2,966	14.8	2,845	54,917	19.3	14,003	200,140	14.3	19,967	327,381	16.4
Dodge	496	330		35	578	16.5	476	9,046	19.0	1,082	19,240	17.8	328	5,740	17.5
Douglas	25	593		178	3,609	20.3	59	1,193	20.2	196	3,230	16.5	3,148	70,998	22.6
Fairbault		266		62	1,003	16.2	50	1,064	21.3	141	1,690	12.0	188	2,404	12.8
Fillmore		3,014	426	181	2,603	14.2	1,345	25,888	19.2	968	16,250	16.8	482	7,606	15.8
Freeborn	1,308	316		181	3,107	17.2	139	2,619	18.8	30	460	15.3	232	4,010	17.3
Goodhue	3,215	2,196		183	3,309	18.1	10,050	228,333	22.7	10,855	187,960	17.3	16,546	293,889	17.8
Grant			12				35	399	11.4	27	290	10.7	254	4,156	16.4
Hennepin	18,214	9,411		402	6,603	16.4	1,734	39,286	22.7	3,672	61,340	16.7	1,866	34,938	18.7
Houston	528	973		658	9,733	14.8	1,439	21,751	15.1	1,312	22,620	17.2	304	5,351	17.6
Hubbard							148	1,368	9.2	199	2,240	11.3	3,082	39,121	12.7
Isanti			2,523	716	10,325	14.4	3,173	56,509	17.8	4,958	64,520	13.0	4,624	60,328	13.0
Itasca										3	30	10.0	4	50	12.5
Jackson		10		141	1,945	13.8	171	2,310	13.5	569	6,380	11.2	1,905	26,548	13.9
Kanabec							226	3,064	13.6	169	2,880	17.0	144	2,547	17.7
Kandiyohi				71	1,217	17.1	16	420	26.3	130	2,070	15.9	958	15,828	16.5
Kittson							12	348	28.3	78	1,220	15.6	1,941	19,835	10.2
Koochiching															
Lac qui Parle				14	274	19.6				61	1,280	21.0	3,491	59,634	17.1
Lake							1	30	30.0						
Le Sueur		7,118	622	146	3,234	22.2	293	6,873	23.5	699	13,280	19.0	736	15,167	20.6
Lincoln							33	460	13.9	929	17,520	18.9	2,490	33,468	13.4
Lyon				16	224	14.0	8	116	14.5	157	2,190	13.9	4,593	62,534	13.6
McLeod		290	667	131	3,410	26.0	202	4,838	24.0	3,473	83,860	24.1	2,926	64,725	22.1
Mahnomen															
Mankahta													95	995	10.5
Manomin		65													
Marshall							156	2,211	14.2	309	5,400	17.5	1,869	27,624	14.8
Martin	30	12		65	947	14.6	39	676	17.3	832	10,690	12.8	394	5,537	14.1
Meeker	1,081	619		131	2,632	20.1	302	6,149	20.4	1,974	44,470	22.5	7,188	142,377	19.8
Mille Lacs	10	422		172	1,850	10.8	259	4,397	17.0	1,177	19,590	16.6	290	5,846	20.2
Monongalia			68												
Morrison	5	867		461	4,903	10.6	1,113	15,502	13.9	2,303	33,980	14.8	11,507	183,350	15.9
Mower	193	35		185	2,471	13.4	228	4,237	18.6	49	590	12.0	213	3,025	14.2
Murray				18	214	11.9	17	176	10.4	241	3,300	13.7	4,539	62,995	13.9
Nicollet	1,692	648		219	5,822	26.6	353	9,350	26.5	1,861	27,960	15.0	2,025	41,057	20.3
Nobles				186	1,501	8.1	305	4,224	13.8	445	5,800	13.0	299	3,722	12.4
Norman							56	530	9.5	150	2,120	14.1	2,824	47,732	16.9
Olmsted	1,374	495		35	496	14.2	1,490	31,194	20.9	674	11,390	16.9	962	14,817	15.4
Otter Tail	240	20		581	10,560	18.2	863	13,762	15.9	1,216	18,650	15.3	15,070	246,153	16.3
Pembina															
Pennington													820	11,492	14.0
Pierce															
Pine		75	30				28	532	19.0	346	5,530	16.0	497	5,961	12.0
Pipestone				55	603	11.0	313	2,368	7.6	324	3,330	10.3	417	6,399	15.3
Polk		200		63	1,424	22.6	231	2,169	9.4	425	6,990	16.4	7,707	133,439	17.3
Pope				100	2,318	23.2	2	44	22.0	179	2,420	13.5	1,165	19,655	16.9
Ramsey		1,020	1,528	89	1,490	16.7	67	1,595	23.8	1,055	19,940	18.9	721	12,246	17.0
Red Lake										170	2,170	12.8	543	8,051	14.8
Redwood				222	1,333	6.0	10	170	17.0	640	10,710	16.7	7,009	122,021	17.4
Renville		240	511	50	628	12.6	17	362	21.3	1,680	27,650	16.5	3,031	57,848	19.1
Rice	4,348	1,489		65	1,240	19.1	2,157	40,885	19.0	1,068	15,000	14.0	2,039	41,712	20.5
Rock				662	8,369	12.6	552	7,777	14.1	434	6,090	14.0	570	8,697	15.3
Roseau										141	2,620	18.6	131	2,196	16.8
Saint Louis	42			190	4,069	21.4	6	108	18.0	85	1,480	17.4	130	3,349	25.8
Scott	6,432	12,374		332	5,484	16.5	4,247	84,458	19.9	4,354	81,490	18.7	7,541	135,341	17.9
Sherburne	934	1,518		1,283	15,829	12.3	4,020	62,618	15.6	10,761	116,480	10.8	10,420	130,777	12.6

TABLE XVII—ACREAGE AND PRODUCTION OF RYE IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880			1890			1900			1910		
	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre
Sibley.....		4,287	2,261	103	3,361	32.6	535	13,345	24.9	2,136	39,550	18.5	2,548	51,038	20.0
Stearns.....		12,859	3,262	892	15,987	17.9	1,138	18,597	16.3	2,939	45,910	15.6	14,136	259,532	18.4
Steele.....		886	306	31	763	24.6	733	12,360	16.9	76	1,230	16.2	952	19,767	20.8
Stevens.....							9	212	23.5	7	70	10.0	174	2,657	15.3
Swift.....				88	1,738	19.8				162	2,010	12.4	3,623	49,192	13.6
Todd.....		20		743	12,464	16.8	211	2,791	13.2	953	15,760	16.5	9,321	163,472	17.5
Toombs.....															
Traverse.....							7	94	13.4				1,583	25,301	16.0
Wabasha.....	100	2,591	994	162	3,520	21.7	4,818	106,119	22.0	2,192	32,630	14.9	6,564	123,759	18.9
Wadena.....				56	1,296	23.1	519	7,894	15.2	626	6,320	10.1	5,665	71,697	12.7
Wahnahta.....															
Waseca.....		196	130	15	307	20.5	157	2,493	15.9	94	1,220	13.0	2,693	48,340	18.0
Washington.....	25	14,096	5,883	136	2,454	18.0	3,415	83,808	24.5	9,154	154,190	16.8	8,694	162,870	18.7
Watsonwan.....			170	54	788	14.6	45	763	17.0	286	3,730	13.0	1,444	22,528	15.6
Wilkin.....				15	191	12.7	6	80	13.3	83	2,160	26.0	1,260	23,192	18.4
Winona.....		2,716	1,613	171	2,626	15.4	3,041	67,918	22.3	757	11,360	15.0	2,233	43,333	19.4
Wright.....		4,228	2,221	252	4,448	17.7	1,934	37,612	19.4	3,182	63,120	19.8	4,438	83,997	18.9
Yellow Medicine.....				16	117	7.3	19	256	13.5	74	1,130	15.3	997	14,863	14.9
Indian Reservations.....										29	550	19.0			
Totals for the State.....	125	121,411	78,088	13,614	215,245	15.8	62,869	1,252,663	19.9	118,869	1,866,150	15.7	266,567	4,426,028	16.6

TABLE XVIII—ACREAGE AND PRODUCTION OF POTATOES IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880	1890		1900		1910				
	Bushels	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre
Aitkin.....			440	1,525	225	42,542	189.1	487	48,386	99.4	1,157	150,759	130.3
Anoka.....		34,734	15,872	68,672	3,179	430,950	135.6	6,803	716,904	105.4	10,756	1,255,880	116.8
Becker.....			40	76,406	768	80,073	104.4	1,044	106,742	102.2	2,101	267,459	127.3
Beltrami.....					8	968	121.0	650	67,878	104.4	1,549	212,785	137.4
Benton.....	3,650	6,835	5,312	22,988	670	58,140	86.8	925	102,580	110.9	1,974	286,974	145.4
Big Stone.....				16,722	542	30,628	56.5	573	51,628	90.1	741	78,331	105.7
Blue Earth.....	543,223	65,393	150,021	2,244	269,796	120.2	2,518	243,004	96.5	1,891	213,787	113.1	
Breckenridge.....													
Brown.....	25,614	24,566	81,160	955	84,820	88.8	1,188	91,019	76.6	1,080	126,438	117.1	
Buchanan.....													
Carlton.....	630		20,672	120	22,808	190.1	577	57,442	99.6	1,559	239,715	153.8	
Carver.....	97,211	54,207	84,572	1,376	134,857	98.0	1,139	121,269	106.5	1,188	145,356	122.4	
Cass.....			900	100	11,770	117.7	539	53,087	98.5	1,079	125,267	116.1	
Chippewa.....			158	24,092	485	46,634	96.2	735	75,891	103.3	967	113,644	117.5
Chisago.....	28,005	16,975	67,777	3,697	612,397	165.6	10,536	1,164,922	110.6	12,284	1,874,597	152.6	
Clay.....		300	49,619	1,304	77,951	59.8	3,543	360,746	101.8	19,674	1,790,460	91.0	
Clearwater.....										594	86,148	145.0	
Cook.....			725	5	434	86.8	29	3,433	118.4	101	19,711	195.2	
Cottonwood.....		140	245	30,202	562	28,257	50.3	651	56,628	87.0	958	94,394	98.5
Crow Wing.....			1,550	4,119	848	111,621	131.6	971	121,069	124.7	1,610	194,358	120.7
Dakota.....	138,436	93,387	239,481	4,760	598,257	125.5	4,207	404,170	96.1	5,062	629,503	124.4	
Dodge.....	36,373	36,569	91,474	977	112,641	115.3	624	62,542	100.2	766	79,181	103.4	
Douglas.....	3,100	36,884	86,101	1,000	93,246	93.2	1,317	136,295	103.5	1,532	178,466	116.5	
Faribault.....	20,529	29,321	98,116	1,398	89,602	64.1	1,197	100,917	84.3	1,319	140,483	106.5	
Fillmore.....	115,560	92,402	181,135	2,225	295,233	132.7	2,032	270,828	133.3	1,549	172,405	111.3	
Freeborn.....	43,788	53,814	147,857	3,770	254,051	67.4	2,983	263,610	88.4	2,032	196,865	96.9	
Goodhue.....	65,973	85,390	167,452	2,178	218,450	100.3	1,695	158,560	93.5	1,430	165,728	115.9	
Grant.....		1,739	16,504	436	33,140	76.0	601	41,793	69.5	558	58,305	104.5	
Hennepin.....	179,539	98,863	316,872	9,522	1,018,203	106.9	9,567	904,359	94.5	17,471	2,438,132	139.6	
Houston.....	48,917	32,065	107,281	1,613	208,128	129.0	1,754	229,370	130.8	1,349	172,090	127.6	
Hulburt.....				165	24,526	148.6	394	51,223	130.0	1,927	224,317	116.4	
Isanti.....	4,295	11,544	49,207	3,683	530,143	143.9	13,283	1,425,233	107.3	16,798	2,150,573	128.0	
Itasca.....	1,050			24	2,765	115.2	281	35,563	126.6	1,080	157,352	145.7	
Jackson.....		555	7,637	32,352	752	48,723	64.8	958	88,640	92.5	1,172	125,161	106.8
Kanabec.....	1,520	150	4,545	177	21,658	119.2	1,152	108,283	94.0	2,652	394,169	148.6	
Kandiyohi.....	1,135	5,586	42,963	724	51,051	70.5	832	76,428	91.9	1,376	133,838	97.3	
Kittson.....			1,030	399	61,559	154.3	371	48,465	130.6	608	85,689	140.9	
Koochiching.....										303	45,145	149.0	
Lac qui Parle.....				23,806	723	47,798	66.1	1,101	110,641	100.5	1,464	159,504	109.0

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TABLE XVIII—ACREAGE AND PRODUCTION OF POTATOES IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880	1890		1900		1910	
	Bushels	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Area, acres	Production, bushels	Area, acres	Production, bushels
Lake			650	1,025	9	1,965	218.3	14	1,635	116.8
Le Sueur		124,198	61,520	109,913	1,564	154,286	98.6	1,296	121,217	93.5
Lincoln				14,465	654	29,910	45.7	685	51,642	75.4
Lyon				39,745	756	46,173	61.1	871	77,035	88.4
McLeod		15,673	31,855	75,251	1,189	100,959	84.9	1,211	110,356	91.1
Mahnomen									1,160	136,473
Mankota									161	17,586
Manomin		7,065								
Marshall				2,290	733	91,719	125.1	828	93,885	113.4
Martin		1,130	25,094	48,298	958	64,283	67.1	1,131	95,586	84.5
Meeker		15,212	39,913	67,068	977	71,182	72.9	1,105	84,103	76.1
Mille Lacs			730	5,163	4,752	224	20,124	89.8	2,338	256,671
Monongalia		2,176	22,158						109.8	3,860
Morrison		5,464	13,668	45,660	1,292	143,593	111.1	1,907	164,056	86.0
Mower		2,176	63,244	142,644	2,276	212,307	93.3	3,767	381,751	101.3
Murray			285	855	572	31,777	55.6	990	87,695	88.6
Nicollet		55,580	36,158	104,937	1,022	112,189	109.8	960	101,538	105.8
Nobles				35,707	758	53,294	70.3	1,228	129,977	105.8
Norman					903	71,159	78.8	858	96,881	112.9
Olmsted		98,661	126,668	188,091	2,175	264,110	121.4	3,013	345,830	114.8
Otter Tail		2,450	8,784	146,354	2,753	289,013	105.0	3,688	340,711	92.4
Pembina									6,195	728,975
Pennington									627	74,933
Pierce										
Pine		4,150	360	3,536	292	38,897	133.2	1,844	166,699	90.4
Pipestone				8,348	450	20,560	45.7	548	45,494	83.0
Polk		1,550		65,527	2,392	283,382	118.5	1,651	252,965	153.2
Pope			20,528	39,139	683	54,744	80.2	925	90,840	98.2
Ramsey		53,188	33,697	101,522	1,551	252,450	162.8	2,263	190,251	84.1
Red Lake									692	72,908
Redwood			1,880	35,980	802	63,944	79.7	1,047	108,458	103.6
Renville		2,856	14,761	78,460	1,296	116,277	89.7	1,336	118,619	88.8
Rice		86,224	57,862	128,769	2,030	209,376	103.1	1,624	146,202	90.0
Rock			480	26,350	641	48,262	75.3	1,094	121,474	111.0
Roseau								308	38,735	125.8
Saint Louis		2,517		24,011	336	50,665	150.8	721	75,378	104.5
Scott		78,360	39,292	98,313	1,249	106,180	85.0	1,179	99,482	84.4
Sherburne		14,290	17,987	29,969	1,255	106,602	84.9	2,801	273,022	97.5
Sibley		81,450	52,649	74,306	1,220	103,788	85.1	1,317	108,709	82.5
Stearns		65,039	120,865	184,307	2,506	182,150	72.7	3,217	295,706	91.9
Steele		34,495	36,025	95,870	1,507	175,314	116.3	1,252	115,688	92.4
Stevens			1,613	27,347	574	30,378	52.9	616	52,985	86.0
Swift				51,580	744	63,514	85.4	949	99,135	104.5
Todd		2,670	13,736	54,961	1,181	127,551	108.0	2,149	215,117	100.1
Toombs									4,504	553,493
Traverse			400	6,608	404	28,255	69.0	538	43,044	77.1
Wabasha	7,105	85,051	97,700	117,573	2,155	280,604	130.2	1,854	220,083	118.7
Wadena			28	26,724	356	47,286	132.8	821	80,296	97.8
Wahnaha										
Waseca		25,841	30,092	80,564	1,338	128,339	95.9	1,134	94,537	83.4
Washington	9,340	88,513	45,686	108,643	3,324	431,908	129.9	3,856	363,273	94.2
Watsonwan			11,171	27,063	558	39,051	70.0	548	52,418	95.7
Wilkin			8,390	8,048	452	22,775	50.4	623	56,961	91.4
Winona		86,328	79,074	183,705	2,909	366,626	126.0	3,152	226,455	71.8
Wright		77,051	51,748	121,072	2,534	210,010	82.9	2,348	217,240	92.5
Yellow Medicine				26,493	706	55,516	78.6	905	78,139	86.3
Indian Reservations								180	22,897	127.2
Totals for the State	21,145	2,516,485	1,943,063	5,184,676	105,880	11,155,707	105.4	146,659	14,643,327	99.8

* This represents the total of returns by counties; state total as given in census report, 2,545,485.

TABLE XIX—ACREAGE AND PRODUCTION OF FLAXSEED IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880	1890			1900			1910		
	Bushels	Bushels	Bushels	Bushels	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre	Area, acres	Production, bushels	Bushels per acre
Aitkin.....								1	10	10.0			
Anoka.....	1			327							6	40	6.7
Becker.....					719	6,095	8.5	6,525	75,340	11.5	4,979	36,590	7.3
Beltrami.....								193	1,700	8.8	314	2,311	7.4
Benton.....	1				9	86	9.6	71	790	11.1	817	7,987	9.8
Big Stone.....					629	6,492	10.3	11,323	119,900	10.6	9,024	91,648	10.2
Blue Earth.....				24,014	14,137	167,506	11.8	6,321	73,550	11.6	924	8,843	9.6
Breckenridge.....													
Brown.....	4	239		161	6,597	81,702	12.4	4,474	50,170	11.2	2,370	19,512	8.2
Buchanan.....													
Carlton.....													
Carver.....	5	2,714		2	3	32	10.7	39	460	11.8	42	408	9.7
Cass.....								13	60	4.6	48	301	6.3
Chippewa.....					3,094	23,796	7.7	13,035	124,210	9.5	3,903	34,502	8.8
Chisago.....								1	15	15.0	4	66	16.5
Clay.....					20	182	9.1	44,662	424,580	9.5	9,519	69,344	7.3
Clearwater.....											222	1,926	8.7
Cook.....													
Cottonwood.....					15,978	113,041	7.1	13,020	134,990	10.4	5,119	44,375	8.7
Crow Wing.....								2	14	7.0	145	825	7.2
Dakota.....	3	6,263	265	11,208	112,767	10.1	9,169	110,450	12.0	2,279	26,479	11.6	
Dodge.....	6	401		14,304	146,326	10.2	10,527	117,210	11.1	8,456	89,524	10.6	
Douglas.....				57	535	9.4	3,397	39,670	11.7	4,859	54,013	11.1	
Faribault.....		4	17,044	11,514	113,809	9.9	7,932	76,510	9.6	1,366	12,262	9.0	
Fillmore.....	6		38	9,859	108,685	11.0	15,767	179,150	11.4	5,528	61,103	11.1	
Freeborn.....	2		1,817	2,355	20,715	8.8	13,020	125,190	9.6	2,165	20,462	9.5	
Goodhue.....			204	5,806	61,366	10.6	12,110	151,040	12.5	8,148	106,282	13.0	
Grant.....				259	2,441	9.4	23,238	215,510	9.3	8,950	88,949	9.9	
Hennepin.....		6,504		30	59	332	5.6	89	1,000	11.2	6	45	7.5
Houston.....	4			375	3,942	10.5	4,273	52,660	12.3	473	4,984	10.5	
Hubbard.....				70	472	6.7							
Isanti.....											14	93	6.6
Itasca.....													
Jackson.....				8,738	20,980	163,450	7.8	13,183	145,780	11.1	5,788	49,399	8.5
Kanabec.....								22	110	5.0	62	631	10.2
Kandiyohi.....				3,087	351	3,005	8.6	8,496	90,890	10.6	8,248	86,627	10.5
Kittson.....								9,178	108,220	11.8	7,552	61,537	8.1
Koochiching.....													
Lac qui Parle.....				576	4,400	7.6	9,678	112,890	11.7	12,578	128,913	10.2	
Lake.....													
Le Sueur.....				16	165	10.3	33	370	11.2	2	28	14.0	
Lincoln.....				8,377	52,805	6.3	14,392	147,900	10.3	6,867	63,738	9.3	
Lyon.....				5,874	44,711	7.6	12,086	126,210	10.4	4,855	41,517	8.6	
McLeod.....			6	110	128	1,629	12.7	1,074	14,320	13.3	1,698	20,918	12.3
Mahnomen.....											1,225	9,014	7.4
Mankota.....													
Manomin.....													
Marshall.....				136	1,558	11.5	11,337	120,220	10.6	17,009	141,744	8.3	
Martin.....				15,710	142,293	9.1	9,539	89,410	9.4	1,808	14,015	7.8	
Meeker.....	3	1,325	7	67	661	9.9	2,589	32,730	12.6	4,149	47,945	11.6	
Mille Lacs.....				6	30	5.0	30	280	9.3	57	496	8.7	
Monongalia.....			50										
Morrison.....	3			160	1,800	11.3	72	540	7.5	1,594	13,310	8.4	
Mower.....		210		30,244	312,108	10.3	15,998	182,550	11.4	14,798	155,871	10.5	
Murray.....				3,761	17,751	107,681	6.1	16,039	156,580	9.8	6,889	54,988	8.0
Nicollet.....			20	540	1,401	20,356	14.5	1,400	16,650	11.9	504	5,272	10.5
Nobles.....				18,188	21,223	153,848	7.2	14,883	158,790	10.7	6,714	46,604	6.9
Norman.....				87	519	6.0	13,034	114,550	8.8	12,456	87,885	7.1	
Olmsted.....				7	7,895	89,965	11.4	14,922	186,270	12.5	3,118	37,377	12.0
Otter Tail.....				72	582	4,127	7.1	8,089	86,610	10.7	9,123	92,419	10.1
Pembina.....													
Pennington.....											8,505	57,885	6.8
Pierce.....													
Pine.....								57	550	9.7	98	918	9.4
Pipestone.....				1,320	11,467	59,352	5.2	6,010	65,230	10.9	3,878	30,872	8.0
Polk.....				41	609	14.9	12,599	131,420	10.4	24,500	198,503	8.1	
Pope.....				845	7,027	8.3	7,583	79,380	10.5	11,465	116,013	10.1	
Ramsay.....	2	165	5	15	150	10.0	42	420	10.0	17	239	14.1	
Red Lake.....								1,003	8,480	8.5	6,014	51,942	8.6
Redwood.....				1,823	7,580	63,406	8.4	10,907	119,080	10.9	6,580	56,481	8.6
Renville.....				3,166	32,601	10.3	13,963	164,690	11.8	8,461	80,541	9.5	
Rice.....	15	45	107	2,669	24,996	9.4	6,599	82,190	12.5	1,154	14,066	12.2	
Rock.....				10,688	16,874	131,964	7.8	1,722	21,690	12.6	487	3,918	8.0
Roseau.....								412	4,070	9.9	7,600	70,111	9.2
Saint Louis.....											1	15	15.0
Scott.....					90	806	9.0	292	3,810	13.0	36	346	9.6
Sherburne.....								10	110	11.0			

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TABLE XX—ACREAGE AND PRODUCTION OF SUGAR BEETS IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880	1890	1900			1910		
						Acres	Tons	Tons per acre	Acres	Tons	Tons per acre
Lake.....						59	585	9.92	481	5,952	12.37
Le Sueur.....											
Lincoln.....											
Lyon.....											
McLeod.....						151	1,186	7.85	84	794	9.45
Mahnomen.....											
Mankatha.....											
Manomin.....											
Marshall.....									1	8	8.00
Martin.....											
Meeker.....						2	12	6.00	27	337	12.48
Mille Lacs.....										2	
Monongalia.....						*	1		3	9	3.00
Morrison.....						5	47	9.40	41	283	6.90
Mower.....											
Murray.....						18	154	8.56	3	40	13.33
Nicollet.....											
Nobles.....											
Norman.....											
Olmsted.....									23	318	13.83
Otter Tail.....						3	21	7.00			
Pembina.....											
Pennington.....											
Pierce.....						1	2	2.00	2	18	9.00
Pine.....									3	25	8.33
Pipestone.....											
Polk.....											
Pope.....											
Ramsey.....						15	98	6.53			
Red Lake.....											
Redwood.....						8	61	7.63			
Renville.....						8	70	8.75	30	185	6.17
Rice.....						21	172	8.19	86	1,060	12.33
Rock.....											
Roseau.....											
Saint Louis.....											
Scott.....						179	1,408	7.87	80	823	10.29
Sherburne.....									18	32	1.78
Sibley.....						372	1,963	5.28	3	32	10.67
Stearns.....									47	591	12.57
Steele.....						19	228	12.00	93	944	10.15
Stevens.....						4	23	5.75			
Swift.....									3	36	12.00
Todd.....						3	6	2.00			
Toombs.....											
Traverse.....											
Wabasha.....						9	34	3.78	109	1,205	11.06
Wadena.....						2	10	5.00			
Wahnahta.....											
Waseca.....						9	48	5.33	57	461	8.09
Washington.....									27	272	10.07
Watsonwan.....											
Wilkin.....									*	2	
Winona.....						84	548	6.52	65	637	9.80
Wright.....						21	194	9.24	15	164	10.93
Yellow Medicine.....									*	2	
Indian Reservations.....											
Totals for the State.....						2,114	15,959	7.55	2,238	24,140	10.79

* Area less than one acre.

TABLE XXI—ACREAGE AND PRODUCTION OF TOBACCO IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880			1890			1900			1910
	Pounds	Pounds	Pounds	Area, acres	Production, pounds	Pounds per acre	Area, acres	Production, pounds	Pounds per acre	Area, acres	Production, pounds	Pounds per acre	
Aitkin.....													
Anoka.....		20		3	1,025	342	2	1,296	648	•	10		
Becker.....				1	333	333	•	50		•	90		
Beltrami.....										•	30		
Benton.....			15	3	639	213	1	70	70	•			
Big Stone.....							•	20					
Blue Earth.....				2	690	345	1	133	133	•	10		
Breckenridge.....										•			
Brown.....		1,691		3	936	312				•	10		
Buchanan.....										•			
Carlton.....										•	340		
Carver.....		7,392	70	8	2,661	333	1	130	130	1	480	480	
Cass.....										•	20		
Chippewa.....				2	1,276	638				•			
Chisago.....		266	86	1	442	442	•	40					
Clay.....										•	20		
Clearwater.....													
Cook.....													
Cottonwood.....				2	610	305							
Crow Wing.....										•	70		
Dakota.....		20	65	1	390	390	1	142	142				
Dodge.....				2	1,070	535							
Douglas.....				6	2,305	384	•	40					
Faribault.....		245		1	300	300	1	110	110				
Fillmore.....		20	50	7	2,525	361	5	7,158	1432	86	105,420	1,226	
Freeborn.....			10	2	575	288	1	200	200				
Goodhue.....				2	405	203							
Grant.....													
Hennepin.....		3,996		3	966	322	1	60	60	•	90		
Houston.....		2,876	1,655	12	6,253	521	1	400	400	2	2,500	1,250	
Hubbard.....										•	100		
Isanti.....				3	2,090	697	•	20					
Itasca.....													
Jackson.....			54				1	70	70	1	1,000	1,000	
Kanabec.....													
Kandiyohi.....			126	4	2,010	503		112	112	•	10		
Kittson.....										•	160		
Koochiching.....													
Lac qui Parle.....							1	58	58	1	200	200	
Lake.....													
Le Sueur.....		1,616	70	6	3,401	567	9	1,969	219	8	8,120	1,015	
Lincoln.....				1	212	212							
Lyon.....													
McLeod.....			1,781	4	1,573	393				4	850	213	
Mahnomen.....													
Mankato.....													
Manomin.....													
Marshall.....													
Martin.....													
Meeker.....		164	25	12	6,403	534	1	78	78	•	40		
Mille Lacs.....													
Monongalia.....			370										
Morrison.....				4	1,671	418	4	1,499	375	1	380	380	
Mower.....				4	1,975	494	3	4,760	1587				
Murray.....							1	125	125				
Nicollet.....		3,962	45	4	545	136							
Nobles.....													
Norman.....													
Olmsted.....		1,139		1	353	353				1	300	300	
Otter Tail.....				4	1,965	491	2	591	295	•	130		
Pembina.....													
Pennington.....													
Pierce.....													
Pine.....										1	320	320	
Pipestone.....													
Polk.....		200		1	210	210	2	909	455	3	1,600	533	
Pope.....													
Ramsey.....		100		2	1,320	660				•	50		
Red Lake.....										2	560	280	
Redwood.....				1	310	310	1	70	70				
Renville.....				2	377	189				1	340	340	
Rice.....		4,506	130	7	2,496	357				•	10		
Rock.....													
Roseau.....										•	10		
Saint Louis.....				3	1,930	643							
Scott.....		1,000	1,985	4	2,480	620				•	20		
Sherburne.....		5		5	2,817	563							

TABLE XXI.—ACREAGE AND PRODUCTION OF TOBACCO IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880			1890			1900			1910	
	Pounds	Pounds	Pounds	Area, acres	Production, pounds	Pounds per acre	Area, acres	Production, pounds	Pounds per acre	Area, acres	Production, pounds	Pounds per acre	Pounds	Pounds per acre
Sibley.....		1,153		3	536	179	1	288	288					
Stearns.....			10	6	3,265	544	1	298	298				50	
Steele.....		30		3	1,050	350		40				40		
Stevens.....														
Swift.....				2	1,025	513								
Todd.....			50	1	706	706	1	575	575					
Toombs.....														
Traverse.....														
Wabasha.....		895					1	118	118					
Wadena.....														
Wahnahta.....														
Waseca.....		670		3	1,512	504	1	800	800					
Washington.....				1	930	930	1	145	145					
Watsonwan.....			775	1	430	430		15						
Wilkin.....														
Winona.....		4,000	850	2	690	345	1	305	305	5	4,330	866		
Wright.....		2,972	25	8	2,237	280	1	591	391		20			
Yellow Medicine.....														
Indian Reservations.....														
Totals for the State.....	38,938	8,247	163	69,922	429	49	23,285	475	117	127,730	1,092			

* Area less than one acre.

TABLE XXII.—ACREAGE AND PRODUCTION OF HAY AND FORAGE IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880			1890			1900			1910		
	Tons	Tons	Tons	Area, acres	Production, tons	Tons per acre	Area, acres	Production, tons	Tons per acre	Area, acres	Production, tons	Tons per acre	Area, acres	Production, tons	Tons per acre
Aitkin.....				67	84	1.25	3,390	4,483	1.32	6,746	12,057	1.79	15,787	22,775	1.44
Anoka.....		3,255	7,919	11,518	15,228	1.32	22,016	25,956	1.18	26,601	34,822	1.31	30,566	42,995	1.41
Becker.....				7,429	16,833	2.27	23,423	21,162	0.90	33,867	43,896	1.30	51,767	65,630	1.27
Beltrami.....							65	113	1.74	8,423	13,029	1.55	14,004	19,030	1.36
Benton.....	1,121	906	1,535	3,693	6,850	1.85	14,757	18,863	1.28	16,225	27,796	1.71	31,033	50,286	1.62
Big Stone.....			75	6,118	6,940	1.13	18,393	31,415	1.71	27,595	38,004	1.38	26,953	37,821	1.40
Blue Earth.....		8,636	18,994	38,137	57,365	1.50	57,824	58,723	1.02	54,008	84,868	1.57	63,191	120,324	1.90
Breckenridge.....															
Brown.....			16,520	24,651	40,535	1.64	55,595	71,585	1.29	52,705	73,730	1.40	48,699	98,457	2.02
Buchanan.....															
Carlton.....		17		745	892	1.20	1,509	1,856	1.23	8,324	10,714	1.29	16,265	20,215	1.24
Carver.....		9,155	19,694	14,983	26,087	1.74	23,363	33,404	1.43	27,909	53,433	1.91	34,824	78,401	2.25
Cass.....				50	70	1.40	1,647	1,817	1.10	6,079	8,658	1.42	12,318	18,681	1.52
Chippewa.....			4,993	10,695	19,060	1.78	33,481	46,391	1.39	44,220	57,763	1.31	43,107	66,446	1.54
Chisago.....		2,272	6,242	9,821	13,898	1.42	20,981	26,658	1.27	28,767	48,342	1.68	35,658	63,920	1.79
Clay.....				13,057	17,753	1.36	51,302	42,280	0.82	96,287	87,572	0.91	83,678	97,157	1.16
Clearwater.....													18,954	23,213	1.22
Cook.....				8	10	1.25	20	20	1.00	215	303	1.41	936	883	0.94
Cottonwood.....		40	539	13,799	23,260	1.69	40,252	48,150	1.20	59,091	67,235	1.14	58,028	82,217	1.42
Crow Wing.....				488	881	1.81	7,291	7,588	1.04	12,563	18,078	1.44	21,181	25,878	1.22
Dakota.....		13,242	22,744	22,592	28,229	1.25	48,492	52,944	1.09	39,363	54,354	1.38	44,942	67,233	1.50
Dodge.....		7,854	19,863	24,474	32,178	1.31	49,025	48,677	0.99	34,564	54,933	1.59	45,386	77,099	1.70
Douglas.....		450	10,708	17,358	28,853	1.66	39,201	42,809	1.09	41,580	54,494	1.31	56,170	85,972	1.53
Faribault.....		3,857	15,398	35,452	59,880	1.69	77,308	71,878	0.93	56,009	85,077	1.52	73,608	121,141	1.65
Fillmore.....		28,684	28,903	32,806	44,737	1.36	61,062	80,797	1.32	50,185	76,066	1.52	63,141	119,711	1.90
Freeborn.....		9,403	35,712	42,219	64,292	1.52	87,825	87,740	1.00	81,638	130,143	1.59	85,825	158,794	1.85
Goodhue.....		13,011	31,468	33,173	41,221	1.24	71,320	74,412	1.04	56,966	91,321	1.60	57,886	117,488	2.03
Grant.....			881	3,210	5,728	1.78	32,081	40,970	1.28	35,765	44,342	1.24	43,545	56,513	1.30
Hennepin.....		15,811	25,454	26,733	39,556	1.48	46,860	56,830	1.21	53,602	94,713	1.77	62,304	124,811	2.00
Houston.....		9,692	14,776	16,193	21,499	1.33	31,419	43,993	1.40	37,117	57,095	1.54	38,708	67,052	1.73
Hubbard.....							167	199	1.19	2,384	3,356	1.41	15,196	15,035	1.00
Isanti.....		43	596	5,432	6,468	1.53	15,966	19,285	1.21	23,649	33,895	1.43	32,131	47,457	1.48
Itasca.....							245	465	1.90	1,432	2,296	1.60	5,424	7,714	1.42
Jackson.....		39	4,263	16,040	27,932	1.74	53,215	57,210	1.08	54,962	71,513	1.30	66,795	101,975	1.53
Kanabec.....		110		211	297	1.41	1,843	1,921	1.04	6,195	11,913	1.92	19,004	28,868	1.52
Kandiyohi.....		125	3,823	25,685	40,220	1.57	67,233	84,322	1.25	76,528	103,583	1.35	84,650	116,130	1.37
Kittson.....				371	683	1.84	18,418	12,091	0.66	35,899	35,438	1.00	44,716	46,717	1.04
Koochiching.....													2,449	3,368	1.38

TABLE XXII—ACREAGE AND PRODUCTION OF HAY AND FORAGE IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880			1890			1900			1910			
	Tons	Tons	Tons	Area, acres	Production, tons	Tons per acre	Area, acres	Production, tons	Tons per acre	Area, acres	Production, tons	Tons per acre	Area, acres	Production, tons	Tons per acre	
Lac qui Parle				9,643	18,180	1.89	36,020	55,838	1.55	39,320	60,949	1.55	44,184	74,683	1.69	
Lake			445	72	139	1.93	104	190	1.83	178	237	1.33	1,183	1,437	1.21	
Le Sueur		10,068	18,510	13,579	21,654	1.59	20,490	37,856	1.85	22,265	57,757	2.59	32,136	67,571	2.10	
Lincoln				3,662	6,284	1.72	22,217	24,020	1.08	26,833	37,636	1.40	40,194	72,394	1.80	
Lyon				12,223	19,715	1.61	33,115	42,965	1.30	44,606	61,547	1.38	44,041	70,387	1.60	
McLeod		2,698	16,932	24,993	39,618	1.59	40,248	55,925	1.39	46,849	69,568	1.48	53,122	87,477	1.65	
Mahnomen													5,719	5,217	0.91	
Mankota																
Manomin		850														
Marshall				576	895	1.55	40,637	30,010	0.74	65,573	74,572	1.14	83,087	83,239	1.00	
Martin		170	11,689	19,832	35,692	1.80	63,910	71,867	1.12	55,203	76,544	1.39	68,709	114,742	1.67	
Meeker		2,083	15,329	22,460	36,803	1.64	47,599	61,635	1.29	52,577	82,375	1.57	58,798	101,693	1.73	
Mille Lacs		62	1,917	1,114	1,875	1.68	5,426	7,116	1.31	11,626	17,865	1.54	24,209	44,025	1.82	
Monongalia		345	10,209													
Morrison		729	2,462	5,355	7,835	1.46	18,348	21,790	1.19	24,970	37,416	1.50	53,489	78,945	1.48	
Mower		4,611	18,151	33,592	42,750	1.27	64,237	67,988	1.06	51,797	80,516	1.55	69,662	113,570	1.63	
Murray		94	349	4,999	9,543	1.91	24,967	33,697	1.35	42,602	60,510	1.42	60,463	86,856	1.44	
Nicollet		9,856	24,446	31,709	54,381	1.72	51,790	65,756	1.26	48,337	79,734	1.65	46,890	75,334	1.61	
Nobles				9,291	19,160	2.06	47,036	44,095	0.94	59,037	66,204	1.12	70,081	87,645	1.25	
Norman							52,876	29,713	0.56	59,941	62,740	1.05	66,985	66,789	1.00	
Olmsted		21,461	31,319	30,464	43,138	1.42	53,352	65,392	1.23	37,606	61,740	1.64	48,284	96,379	2.00	
Otter Tail		556	4,262	25,935	40,194	1.55	65,438	66,192	1.01	90,102	111,114	1.23	133,137	187,095	1.41	
Pembina																
Pennington													57,494	57,298	1.00	
Pierce																
Pine		110	133	346	453	1.31	2,421	2,473	1.02	12,167	20,205	1.66	31,022	48,046	1.55	
Pipestone				3,139	4,946	1.58	9,395	9,147	0.97	16,231	20,703	1.28	36,830	53,621	1.46	
Polk		325		11,670	6,621	0.57	101,316	72,537	0.72	121,100	137,796	1.14	142,460	142,284	1.00	
Pope			8,567	14,883	26,537	1.78	49,861	60,983	1.22	59,236	71,266	1.20	60,576	83,685	1.38	
Ramsey		100	2,996	5,600	6,386	1.38	12,078	17,081	1.41	15,235	23,897	1.57	14,844	29,828	2.01	
Red Lake										33,385	37,212	1.11	21,427	19,700	0.92	
Redwood			882	7,634	14,860	1.95	42,122	64,336	1.53	54,554	79,417	1.46	58,963	99,539	1.69	
Renville		670	9,731	25,196	47,291	1.88	69,779	108,190	1.55	78,486	99,255	1.26	80,945	127,692	1.58	
Rice		16,462	33,615	27,312	41,229	1.51	42,288	43,332	1.02	42,633	73,983	1.74	49,639	100,097	2.02	
Rock			433	10,031	15,129	1.51	26,833	27,848	1.04	26,127	35,442	1.36	35,384	64,007	1.81	
Roseau										29,902	35,845	1.20	50,237	52,704	1.05	
Saint Louis		140		562	1,784	3.17	2,485	2,409	0.97	6,350	7,960	1.25	24,892	28,247	1.13	
Scott		7,861	19,700	16,463	26,617	1.62	23,935	29,558	1.25	23,045	42,694	1.85	28,337	55,518	1.97	
Sherburne		1,873	8,303	7,102	11,168	1.57	17,320	21,117	1.22	19,671	30,197	1.54	25,720	33,597	1.31	
Sibley		604	32,659	19,873	33,254	1.67	46,623	66,370	1.42	54,467	69,311	1.27	62,044	91,194	1.47	
Stearns		12,224	28,939	26,303	43,295	1.65	71,877	80,098	1.11	81,356	111,714	1.37	108,234	162,200	1.50	
Steele		6,940	19,928	26,800	42,355	1.58	50,293	51,180	1.02	43,180	73,984	1.71	54,104	95,888	1.77	
Stevens			877	6,248	9,768	1.56	26,267	34,904	1.33	37,880	50,601	1.34	45,324	58,432	1.29	
Swift				9,642	20,524	2.13	42,721	67,624	1.58	53,648	71,992	1.34	46,091	60,790	1.32	
Todd		625	3,339	7,578	12,774	1.69	25,739	30,753	1.19	31,724	48,255	1.52	59,937	92,634	1.55	
Toombs																
Traverse			100	1,635	1,990	1.22	11,653	17,723	1.52	32,860	32,116	0.98	37,359	44,500	1.19	
Wabasha		13,559	11,618	15,073	20,315	1.35	27,372	37,058	1.35	23,885	39,277	1.64	29,220	60,240	2.06	
Wadena				416	879	2.11	5,601	6,443	1.15	10,768	15,025	1.40	25,071	31,727	1.27	
Wahnahta																
Waseca		3,836	20,445	23,911	35,430	1.48	46,602	39,051	0.84	36,759	58,141	1.58	44,434	84,033	1.89	
Washington		755	4,451	6,430	12,054	1.26	30,634	30,308	0.99	32,905	48,654	1.48	34,158	62,250	1.82	
Watonswan				6,383	14,388	25,455	1.77	34,229	46,218	1.35	32,157	48,148	1.50	42,372	76,113	1.80
Wilkin			1,510	733	1,140	1.56	14,733	15,084	1.02	40,690	39,466	0.97	45,837	47,741	1.04	
Winona		10,443	16,944	18,851	26,692	1.42	35,692	49,667	1.39	33,754	49,515	1.47	40,000	75,319	1.88	
Wright		5,626	6,961	18,603	30,429	1.64	32,382	44,000	1.36	40,708	78,709	1.93	51,639	107,533	2.08	
Yellow Medicine				12,803	23,297	1.82	42,141	60,697	1.44	48,096	67,604	1.41	48,376	77,405	1.60	
Indian Reservations										7,846	9,427	1.20				

Totals for the State..... 2,019 *269,483 695,053 1,053,378 1,637,109 1 55 2,709,191 3,135,241 1.16 3,157,690 4,411,667 1.40 3,946,072 6,036,747 1.53

* This represents the total of returns by counties; state total as given in Census report, 179,482.

TABLE XXIII—MISCELLANEOUS AGRICULTURAL STATISTICS FOR MINNESOTA AS A WHOLE ACCORDING TO THE UNITED STATES CENSUS, 1850-1910

ITEMS	1850	1860	1870	1880	1890	1900	1910
I. UNIMPROVED LAND IN FARMS:							
1 Total unimproved land in farms, acres.....	23,846	2,155,718	4,161,726	6,156,326	7,535,692	7,805,913	8,032,290
2 Woodland, acres in farms.....			1,336,299	2,030,726			3,922,391
3 Forest products from farms, value.....			\$311,528	\$1,796,260		\$2,602,335	\$5,181,508
4 Unimproved land not growing wood, acres.....			2,825,427	4,125,600			4,109,899

TABLE XXIII—MISCELLANEOUS AGRICULTURAL STATISTICS FOR MINNESOTA AS A WHOLE ACCORDING TO THE UNITED STATES CENSUS, 1850-1910—Continued

ITEMS	1850	1860	1870	1880	1890	1900	1910
II. IMPROVED LAND IN FARMS:							
5 Total improved land, acres in farms.....	5,035	556,250	2,322,102	7,246,693	11,127,953	18,442,585	19,643,533
6 Total tilled land.....				4,455,918	7,192,759	12,943,339	12,738,056
6a Tilled land including fallows and grass in rotation, acres in farms.....				5,519,368			
7 Permanent pastures, meadows, orchards, vineyards, and acres in farms.....				1,727,325			
III. HAY AND FORAGE:							
8 Alfalfa, acres.....						658	2,288
9 Alfalfa, tons.....						1,781	6,314
10 Clover, acres.....						74,669	57,358
11 Clover, tons.....						128,767	106,334
12 Timothy, acres.....							780,375
13 Timothy, tons.....							1,101,510
14 Clover and timothy (mixed), acres.....							829,600
15 Clover and timothy (mixed), tons.....							1,453,075
16 Millet, acres.....						58,339	27,136
17 Millet, tons.....						93,954	50,383
18 Corn stalks, production in tons.....						72,339	
19 Grains cut green, acres.....						26,304	19,981
20 Grains cut green, tons.....						45,633	31,060
21 Root forage, acres.....							558
22 Root forage, tons.....							3,965
23 Root forage, value.....							\$30,315
IV. FIELD CROPS:							
24 Acreage in cereals.....				4,234,187	6,297,044	11,207,069	10,139,850
25 Per cent of improved land in cereals.....				58.4	56.6	60.8	51.6
26 Buckwheat, acres.....				3,677	22,090	6,700	10,309
27 Buckwheat, bushels.....	515	28,052	52,438	41,756	281,705	82,687	144,861
28 Rice, pounds.....		3,286					
29 Emmer and spelt, acres.....							30,891
30 Emmer and spelt, bushels.....							757,339
31 Peas and beans (dry), acres.....						3,960	5,532
32 Peas and beans (dry), bushels.....	10,002	18,988	46,601	25,039	170,064	45,338	77,786
33 Clover seed, bushels.....		*351	26	18,003	87,240	8,034	48,013
34 Grass seed, bushels.....		13,255	3,045	30,707	507,459	553,939	897,653
35 Sweet potatoes, acres.....					7	4	Less than 1 acre
36 Sweet potatoes, bushels.....	200	792	1,594		365	136	50
37 Peanuts, bushels.....					145		15
38 Vegetables, except potatoes, sweet potatoes, yams and sugar beets, acres.....							
39 Vegetables, except potatoes, sweet potatoes, yams and sugar beets, value.....						28,361	46,021
40 Flax fibre, pounds.....		1,983	122,571	497	8,609	\$1,503,401	\$3,359,052
41 Hemp fibre, tons.....		109		20			
42 Broom corn, pounds.....				68,433	42,090	76,960	10,259
43 Hops, pounds.....		††140	222,065	10,928	500	51	372
V. SUGAR AND MOLASSES OR SYRUP:							
44 Maple sugar, pounds.....	2,950	370,669	210,467	76,972	34,917	29,580	11,399
45 Maple syrup, gallons.....		23,038	12,722	11,407	12,091	1,079	17,808
46 Sorghum, acres.....					3,890	2,283	1,709
47 Sorghum molasses, gallons.....		14,176	38,735	543,369	340,792	157,605	145,934
48 Sorghum, tons of cane sold for sugar making.....				†190	593	1,232	none
49 Sorghum, production in tons.....						14,369	13,253
VI. GARDEN AND ORCHARD CROPS:							
50 Market gardening, value of products.....	\$150	\$94,704	\$115,234	\$166,030	\$612,451		
51 Orchard fruits, number of trees.....					**215,381	1,096,444	1,644,590
52 Orchard fruits, bushels.....					85,603	143,655	1,066,659
53 Orchard fruits, value of products.....		\$649	\$15,818	\$121,648		\$109,050	\$801,112
54 Dried and evaporated fruits, pounds.....						500	2,853
55 Grapes, number of vines.....						138,175	97,866
56 Grapes, pounds.....						573,272	293,805
57 Grapes, value of products (including grapes, raisins and wine).....						\$15,593	\$11,021
58 Wine, gallons.....		412	1,750			6,197	4,567
59 Cider and vinegar, gallons.....						9,450	14,822
60 Small fruits, acres.....						3,092	3,738
61 Small fruits, quarts.....						4,542,640	4,476,575
62 Small fruits, value of products.....						\$339,569	\$493,406
63 Nuts, value of all.....						\$597	\$1,838
64 Nursery trees and plants, acres bearing.....					809	1,127	3,854
65 Seed farms, acres planted.....					856		
66 Florists' establishments, area under glass in square feet.....					408,612	889,986	1,419,196

* Total as given in census (1860 p. 82) 432.

Correct sum of county items 351.

† Total as given in census 3,182.

Correct sum of county items 3,255.

‡ In addition 1,208 bushels of cowpeas are reported.

§ Calculated by taking the sum of all reported acreages, corrected by adding the acreages reported by Minnesota Statistics in cases where census does not report.

|| Pounds of sugar produced.

†† Includes value of small fruits.

‡‡ Total as given in census (1860 p. 82) 132.

Correct sum of county items 140.

TABLE XXIV—CATTLE ON FARMS IN MINNESOTA

COUNTIES	1850				1860				1870				1880	
	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Total number of cattle	Dairy cows
1 Aitkin.....									3	1	2	33.3	136	49
2 Anoka.....					1,308	468	840	35.8	2,855	978	1,877	34.3	6,732	2,704
3 Becker.....									65	19	46	29.2	6,210	2,104
4 Beltrami.....														
5 Benton.....	246	60	186	24.4	337	105	232	31.2	549	217	332	39.5	3,993	1,429
6 Big Stone.....									46	7	39	15.2	1,978	784
7 Blue Earth.....					3,380	1,063	2,317	31.4	11,731	4,734	6,997	40.4	22,847	9,584
8 Breckenridge.....														
9 Brown.....					2,178	577	1,601	26.5	5,786	2,155	3,631	37.2	14,605	6,403
10 Buchanan.....														
11 Carlton.....					19	5	14	26.3					339	127
12 Carver.....					5,182	1,596	3,586	30.8	12,551	4,170	8,381	33.2	13,534	5,685
13 Cass.....									16	4	12	25.0	155	59
14 Chippewa.....									2,085	584	1,501	28.0	5,385	2,273
15 Chisago.....					1,249	341	908	27.3	2,801	1,027	1,774	36.7	8,180	2,633
16 Clay.....									23	13	10	57.0	4,379	1,588
17 Clearwater.....														
18 Cook.....													5	3
19 Cottonwood.....					16	5	11	31.3	237	74	163	31.2	8,463	3,166
20 Crow Wing.....									111	35	76	31.5	264	88
21 Dakota.....					6,497	2,199	4,298	33.8	10,331	4,806	5,525	46.5	12,673	6,248
22 Dodge.....					2,798	1,008	1,790	36.0	7,867	3,208	4,659	40.8	10,448	5,092
23 Douglas.....					148	36	112	24.3	2,972	1,071	1,901	36.0	11,855	4,076
24 Faribault.....					814	287	527	35.3	8,099	3,235	4,864	39.9	17,824	8,020
25 Fillmore.....					14,460	4,950	9,510	33.8	18,823	8,092	10,731	43.0	23,177	10,719
26 Freeborn.....					2,917	1,012	1,905	34.7	11,641	4,468	7,173	38.4	18,673	8,236
27 Goodhue.....					4,975	1,851	3,124	37.2	15,506	6,485	9,021	41.8	17,824	9,461
28 Grant.....									347	133	214	38.3	4,126	1,385
29 Hennepin.....					8,062	2,775	5,287	34.4	12,128	5,361	6,767	44.2	14,700	8,069
30 Houston.....					4,120	1,522	2,598	37.0	8,150	3,614	4,536	44.3	15,849	6,704
31 Hubbard.....														
32 Isanti.....					186	60	126	32.3	1,809	660	1,149	36.5	6,369	2,229
33 Itasca.....	102	100	2	98.0										
34 Jackson.....					29	14	15	48.3	1,209	469	740	38.8	7,843	2,888
35 Kanabec.....					80	20	60	25.0	14	2	12	14.3	421	135
36 Kandiyohi.....					46	16	30	34.8	1,419	565	854	39.8	14,723	5,697
37 Kittson.....													406	160
38 Koochiching.....														
39 Lac qui Parle.....									176	54	122	30.7	5,771	2,282
40 Lake.....									23	11	12	47.8	86	37
41 Le Sueur.....					5,221	1,535	3,686	29.4	10,596	3,695	6,901	34.9	11,707	5,668
42 Lincoln.....													3,088	1,290
43 Lyon.....													6,497	2,563
44 McLeod.....					820	266	554	32.4	6,624	2,483	4,141	37.5	15,553	6,117
45 Mahanomen.....														
46 Manomin.....					93	38	55	40.9						
47 Mankato.....														
48 Marshall.....													653	205
49 Martin.....					50	21	29	42.0	3,223	1,267	1,956	39.3	10,209	3,981
50 Meeker.....					724	244	480	33.7	5,708	1,871	3,837	32.8	11,980	5,209
51 Mille Lacs.....					40	9	31	22.5	719	249	470	34.6	1,459	451
52 Monongalia.....					115	35	80	30.4	3,369	1,299	2,070	38.6		
53 Morrison.....					354	109	245	30.8	1,058	353	705	33.4	5,228	1,806
54 Mower.....					1,805	631	1,174	35.0	7,616	3,073	4,543	40.3	14,888	6,693
55 Murray.....					21	5	16	23.8	126	38	88	30.2	3,862	1,616
56 Nicollet.....					2,958	1,058	1,900	35.8	7,363	3,189	4,174	43.3	16,864	6,433
57 Nobles.....													5,343	2,008
58 Norman.....														
59 Olmsted.....					8,460	2,996	5,464	35.4	15,959	6,496	9,463	40.7	17,867	7,929
60 Otter Tail.....					79	24	55	30.4	1,700	539	1,161	31.7	20,762	7,288
61 Pembina.....	412	145	267	35.2										
62 Pennington.....														
63 Pierce.....														
64 Pine.....					21	4	17	19.0	17	6	11	35.3	313	68
65 Pipestone.....													1,434	610
66 Polk.....					114	15	99	13.2					7,304	2,774
67 Pope.....									3,081	942	2,139	30.6	9,489	3,506
68 Ramsey.....	163	34	129	20.9	961	450	511	46.8	2,058	1,099	959	53.4	3,497	1,905
69 Red Lake.....														
70 Redwood.....														
71 Renville.....					272	74	198	27.2	256	90	166	35.2	7,513	2,575
72 Rice.....					6,334	1,911	4,423	30.2	2,752	993	1,759	36.1	16,052	6,083
73 Rock.....									11,843	4,240	7,603	35.8	14,098	6,622
74 Roseau.....									116	34	82	29.3	4,111	1,611
75 Saint Louis.....					47	13	34	27.7					839	343
76 Scott.....					4,117	1,489	2,628	36.2	11,255	4,262	6,993	37.9	9,954	4,917
77 Sherburne.....					733	300	433	40.9	2,206	716	1,490	32.5	7,431	2,372

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1880			1890			1900			1910			Counties		
Other cattle	Per cent dairy	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Total number of cattle	Dairy cows		Other cattle	Per cent dairy
87	36.0	1,337	454	883	34.0	4,929	1,812	3,117	36.8	10,720	5,318	5,402	49.6	1
4,028	40.2	8,795	4,499	4,296	51.2	13,883	5,978	7,905	43.1	15,608	8,659	6,949	55.5	2
4,106	33.9	12,803	5,106	7,697	39.9	17,665	7,408	10,257	41.9	24,209	11,015	13,194	45.5	3
		307	118	189	38.4	4,936	1,935	3,001	39.2	7,426	3,246	4,180	43.7	4
2,564	35.8	8,464	3,177	5,287	37.5	12,784	4,505	8,279	35.2	22,092	10,773	11,315	48.8	5
1,194	39.6	8,646	3,108	5,538	35.9	9,697	3,621	6,076	37.3	12,804	5,107	7,697	39.9	6
13,263	41.9	33,148	14,953	18,195	45.1	41,560	17,659	23,901	42.5	43,648	20,447	23,201	46.8	7
8,202	43.8	24,598	11,176	13,422	45.4	29,509	12,981	16,528	44.0	32,571	15,791	16,780	48.5	8
212	37.5	550	204	346	37.1	4,004	1,538	2,466	38.4	7,932	4,154	3,778	52.4	9
7,849	42.0	19,528	9,326	10,202	47.8	28,319	13,963	14,356	49.3	33,000	19,834	13,166	60.1	10
96	38.1	631	255	376	40.4	4,012	1,470	2,542	36.6	8,138	3,872	4,266	47.6	11
3,112	42.2	13,187	5,280	7,907	40.0	17,353	7,244	10,109	41.7	20,219	9,194	11,025	45.5	12
5,547	32.2	13,675	5,813	7,862	42.5	23,774	9,466	14,308	39.8	26,288	14,622	11,666	55.6	13
2,791	36.3	16,748	6,493	10,255	38.8	20,413	7,955	12,458	39.0	24,319	11,146	13,173	45.8	14
										9,216	4,501	4,715	48.8	15
2	60.0	11	4	7	36.4	155	60	95	38.7	237	123	114	51.9	16
5,297	37.4	16,885	6,639	10,246	39.3	22,451	8,400	14,051	37.4	34,433	13,165	21,268	38.2	17
176	33.3	3,739	1,564	2,175	41.8	8,222	2,993	5,229	36.4	10,624	5,465	5,159	51.4	18
6,425	49.3	22,202	11,949	10,253	53.8	23,299	9,549	13,750	41.0	26,781	12,696	14,085	47.4	19
5,356	48.7	26,258	12,257	14,001	46.7	32,106	12,690	19,416	39.5	38,987	16,289	22,698	41.8	20
7,779	34.4	17,928	7,569	10,359	42.2	24,614	9,210	15,404	37.4	32,876	15,025	17,851	45.7	21
9,804	45.0	41,152	14,135	27,017	34.3	40,229	15,925	24,304	39.6	42,008	18,255	23,753	43.5	22
12,458	46.2	48,219	22,306	25,913	46.3	53,326	19,172	34,154	36.0	61,713	21,937	39,776	35.5	23
10,437	44.1	40,883	18,232	22,651	44.6	61,580	27,384	34,196	44.5	58,188	27,890	30,298	47.9	24
8,363	53.1	41,708	21,607	20,101	51.8	44,657	17,838	26,819	39.9	52,199	24,843	27,356	47.6	25
2,741	33.6	11,868	4,694	7,174	39.6	14,553	5,735	8,818	39.4	18,879	7,990	10,889	42.3	26
6,631	54.9	18,786	12,466</											

TABLE XXIV—CATTLE ON FARMS IN MINNESOTA

COUNTIES	1850				1860				1870				1880	
	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Total number of cattle	Dairy cows
78 Sibley.....					3,270	1,110	2,160	33.9	9,483	3,531	5,952	37.8	15,521	5,731
79 Stearns.....					3,924	1,102	2,822	28.1	12,870	4,399	8,471	34.2	26,099	9,723
80 Steele.....					2,500	899	1,601	36.0	6,640	2,846	3,794	42.9	11,446	5,485
81 Stevens.....									260	89	171	34.2	2,164	1,002
82 Swift.....													7,791	2,772
83 Todd.....					227	66	161	29.1	950	337	613	35.5	7,223	2,487
84 Toombs.....													837	323
85 Traverse.....													9,797	5,000
86 Wabasha.....	264	59	205	22.3	4,952	1,705	3,247	34.4	11,678	4,374	7,304	37.5	869	320
87 Wadena.....									18	6	12	33.3		
88 Wahnaha.....	87	13	74	14.9										
89 Waseca.....					1,611	545	1,066	33.8	6,865	2,593	4,272	37.8	11,148	5,252
90 Washington.....	728	196	532	26.9	3,018	1,223	1,795	40.5	4,164	2,074	2,090	49.8	8,495	4,380
91 Watonwan.....									2,430	702	1,728	28.9	8,866	3,648
92 Wilkin.....									419	113	306	27.0	1,061	458
93 Winona.....					4,430	1,651	2,779	37.3	11,547	5,167	6,380	44.7	15,250	6,680
94 Wright.....					3,285	1,006	2,279	30.6	6,037	2,050	3,987	34.0	17,796	6,850
95 Yellow Medicine...													6,719	2,674
96 Indian Reservations														
Totals for the State	2,002	607	†1,395	30.3	119,357	*40,444	†78,913	34.0	310,379	121,467	†188,912	39.1	659,050	275,545

* Total as given in Census (1860, p. 80), 40,344.

† Correct sum of county items, 40,444.

† Includes working oxen.

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BY COUNTIES, 1850-1910—Continued

1880		1890				1900				1910				
Other cattle	Per cent dairy	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Total number of cattle	Dairy cows	Other cattle	Per cent dairy	Counties
9,790	36.9	22,738	11,380	11,358	50.0	30,301	13,950	16,351	46.0	33,209	17,308	15,901	52.1	78
16,376	37.3	37,763	16,348	21,415	43.3	55,961	21,777	34,184	38.9	68,428	36,272	32,156	53.0	79
5,961	47.9	24,243	11,704	12,539	48.3	34,299	17,125	17,174	49.9	36,835	20,332	16,503	55.2	80
1,162	46.3	9,336	3,391	5,945	36.3	12,564	4,520	8,044	36.0	15,982	6,764	9,218	42.3	81
5,019	35.6	17,815	6,738	11,077	37.8	20,437	8,418	12,019	41.2	23,612	9,856	13,756	41.7	82
4,736	34.4	15,356	5,965	9,391	38.8	22,714	8,972	13,742	39.5	39,243	20,129	19,114	51.3	83
514	38.6	5,848	2,187	3,661	37.4	7,774	3,105	4,669	40.0	12,837	5,402	7,435	42.1	84
4,797	51.0	20,786	9,177	11,609	44.1	24,957	8,827	16,130	35.4	28,882	11,755	17,127	40.7	85
549	36.9	3,243	1,307	1,936	40.3	7,450	2,838	4,612	38.1	13,358	6,730	6,628	50.4	86
5,896	47.1	20,746	9,629	11,117	46.4	26,801	12,386	14,415	46.2	27,297	13,834	13,463	50.7	87
4,115	51.6	13,161	7,478	5,683	56.8	18,965	8,260	10,705	43.6	21,297	11,161	10,136	52.4	88
5,218	41.1	16,279	7,504	8,775	46.1	20,995	8,925	12,070	42.5	27,331	11,533	15,798	42.2	89
603	43.2	6,431	2,339	4,092	36.4	9,459	3,605	5,854	38.1	12,604	5,418	7,186	43.0	90
8,570	43.8	27,052	11,253	15,799	41.6	29,000	10,788	18,212	37.2	39,931	17,017	22,914	42.6	91
10,946	38.5	23,551	11,053	12,498	46.9	39,544	16,915	22,629	42.8	49,876	28,071	21,805	56.3	92
4,045	39.8	21,070	7,218	13,852	34.3	22,988	8,447	14,541	36.7	29,020	12,662	16,358	43.6	93
						1,491	493	998	33.1					94
														95
														96
383,505	41.8	1,373,579	593,908	779,671	43.2	1,871,325	753,632	1,117,693	40.3	2,347,435	1,085,388	1,262,047	46.2	

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TABLE XXV—HORSES, MULES, AND ASSES IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880	1890	1900	1910
	Number	Number	Number	Number	Number	Number	Value
Aitkin.....			3	13	181	1,470	2,098 \$ 230,837
Anoka.....		193	638	1,738	3,007	4,171	4,786 594,432
Becker.....			17	1,319	3,270	6,591	7,577 905,036
Beltrami.....					37	1,769	1,747 196,609
Benton.....	59	42	106	693	1,906	3,493	4,856 604,112
Big Stone.....				943	3,485	7,290	7,872 950,166
Blue Earth.....		353	4,499	9,873	14,065	14,870	15,453 1,773,653
Breckenridge.....							
Brown.....		171	1,235	4,823	8,094	10,433	11,491 1,289,443
Buchanan.....							
Carlton.....		2		37	100	975	1,749 220,478
Carver.....		149	1,740	4,126	5,580	6,625	7,709 953,040
Cass.....			11	33	164	1,974	1,974 203,274
Chippewa.....			160	2,164	5,806	9,855	10,255 1,138,481
Chisago.....		102	413	1,428	2,561	4,954	5,897 712,392
Clay.....			10	1,796	6,185	13,440	13,535 1,744,895
Clearwater.....							1,705 191,334
Cook.....						18	108 15,650
Cottonwood.....		1	53	2,558	5,421	9,729	11,263 1,245,186
Crow Wing.....			40	49	930	2,718	2,748 287,398
Dakota.....	1,197		5,599	8,428	9,756	10,356	10,771 1,418,031
Dodge.....	603		2,932	6,660	7,780	8,405	8,920 1,054,140
Douglas.....		8	544	2,867	6,231	9,357	9,580 1,045,931
Faribault.....	162		3,103	6,799	11,542	14,238	15,044 1,715,513
Fillmore.....	2,458		6,662	14,062	15,990	16,584	17,067 2,150,136
Freeborn.....	250		3,170	8,321	10,997	13,489	14,275 1,623,907
Goodhue.....	810		6,950	13,114	14,372	15,301	16,661 2,075,811
Grant.....			48	1,347	4,899	7,323	7,767 917,598
Hennepin.....	1,277		3,692	6,722	8,667	11,555	12,068 1,530,726
Houston.....	564		2,970	6,367	8,336	8,319	8,900 1,028,669
Hubbard.....					525	1,331	1,856 210,849
Isanti.....		12	225	1,096	2,156	4,640	5,576 649,648
Itasca.....					41	448	1,007 134,176
Jackson.....		3	245	1,968	5,382	11,490	12,807 1,424,460
Kanabec.....		11	3	48	210	1,353	2,470 288,709
Kandiyohi.....		2	233	4,486	8,654	12,544	12,701 1,572,467
Kittson.....				158	3,335	7,564	8,532 1,129,381
Koochiching.....							352 51,609
Lac qui Parle.....			21	2,278	7,750	13,118	14,158 1,637,828
Lake.....			6	6	4	19	136 17,423
Le Sueur.....	367		2,109	5,079	6,974	8,539	8,979 1,048,177
Lincoln.....				1,036	3,501	8,007	8,811 960,787
Lyon.....				2,594	6,313	11,027	12,386 1,446,669
McLeod.....	69		1,114	4,176	7,692	9,276	9,632 1,286,712
Mahnomen.....							1,042 121,932
Mankota.....							
Manomin.....		33					
Marshall.....				279	4,399	11,264	11,135 1,301,002
Martin.....		4	1,139	3,089	7,610	12,619	14,706 1,656,798
Meeker.....		101	998	4,473	8,070	10,421	11,242 1,507,310
Mille Lacs.....		5	98	213	533	2,240	3,521 382,260
Monongalia.....		10	578				
Morrison.....		79	237	1,307	3,559	7,188	8,237 919,638
Mower.....		325	2,886	9,120	11,031	13,710	14,329 1,737,569
Murray.....		2	17	1,440	4,736	10,654	11,709 1,309,051
Nicollet.....		397	1,904	5,926	8,612	8,701	8,638 1,016,301
Nobles.....				1,854	5,913	11,933	13,903 1,600,372
Norman.....					6,161	11,436	10,041 1,149,084
Olmsted.....		1,734	7,772	11,514	13,295	13,555	13,353 1,559,250
Otter Tail.....		9	173	5,515	14,039	22,949	23,350 2,579,804
Pembina.....	518						
Pennington.....							4,097 468,789
Pierce.....							
Pine.....		4	15	46	206	2,481	4,394 453,947
Pipestone.....				854	3,309	6,940	7,457 784,994
Polk.....		25		3,220	13,209	21,925	19,270 2,458,210
Pope.....			377	2,502	6,808	9,528	9,321 1,114,938
Ramsey.....		311	654	1,462	1,892	2,917	3,010 353,098
Red Lake.....	20					5,496	2,586 307,852
Redwood.....			48	2,373	6,555	14,154	14,993 1,733,351
Renville.....		51	424	4,665	12,789	17,243	18,365 2,211,604
Rice.....		1,002	3,842	7,679	9,276	10,097	10,557 1,225,664
Rock.....			17	2,261	5,521	8,474	10,043 1,249,401
Roseau.....						3,217	4,053 484,143
Saint Louis.....		4		102	339	1,051	2,767 367,384
Scott.....		348	2,095	4,133	5,184	6,280	6,611 802,173
Sherburne.....		155	441	1,449	2,832	3,912	4,413 493,468

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TABLE XXV.—HORSES, MULES, AND ASSES IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880	1890	1900	1910	
	Number	Number	Number	Number	Number	Number	Value	Value
Sibley.....		187	1,739	4,936	8,689	10,165	10,763	\$ 1,277,978
Stearns.....		428	2,487	7,410	13,653	18,425	19,802	2,249,602
Steele.....		383	2,007	6,408	7,405	8,395	9,190	1,100,954
Stevens.....			36	1,726	3,768	8,034	7,189	872,291
Swift.....				2,664	5,944	10,804	10,696	1,263,542
Todd.....		50	75	1,578	3,857	8,743	9,342	976,652
Toombs.....								
Traverse.....			2	763	3,455	7,737	8,410	1,074,995
Wabasha.....	107	811	5,538	7,074	8,352	9,415	9,889	1,272,600
Wadena.....				525	1,025	2,863	2,871	305,932
Wahnahta.....	40							
Waseca.....		219	2,080	5,743	7,812	8,348	8,934	992,677
Washington.....	130	760	1,803	3,960	5,534	6,517	7,397	988,076
Watonswan.....			545	2,289	5,236	7,263	8,016	879,366
Wilkin.....			51	926	3,066	8,487	8,247	1,001,234
Winona.....		923	5,627	8,412	9,913	9,869	11,112	1,368,496
Wright.....		276	1,104	4,796	8,683	11,765	13,430	1,646,512
Yellow Medicine.....				2,410	6,851	12,404	13,468	1,528,385
Indian Reservations.....						1,152		
Totals for the State.....	874	17,442	95,361	266,301	471,020	704,969	\$42,754,041	759,178 \$89,824,452

TABLE XXVI.—SHEEP AND GOATS ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880	1890	1900	1910	
	Number	Number	Number	Number	Number	Number	Number	Value
Aitkin.....				15	35	724	2,366	\$ 7,506
Anoka.....		50	1,745	1,799	1,514	1,613	1,322	6,125
Becker.....			30	1,137	3,357	5,434	6,349	23,017
Beltrami.....					9	1,324	1,824	6,711
Benton.....		15	261	494	1,016	3,651	3,973	12,835
Big Stone.....			10	333	1,706	1,957	7,355	33,642
Blue Earth.....		110	6,690	9,060	5,825	14,011	11,634	50,458
Breckenridge.....								
Brown.....		61	995	3,078	4,582	3,446	4,470	18,788
Buchanan.....								
Carlton.....				27	98	646	1,313	4,949
Carver.....		120	5,501	7,135	5,267	5,568	4,085	15,920
Cass.....					199	529	2,538	9,624
Chippewa.....			395	1,692	4,165	4,433	4,074	21,964
Chisago.....		244	1,387	3,334	4,171	3,333	2,456	8,789
Clay.....				896	5,201	3,390	3,701	16,002
Clearwater.....							2,807	8,888
Cook.....							23	96
Cottonwood.....			39	5,512	23,260	12,560	14,842	65,679
Crow Wing.....					252	1,451	3,229	10,644
Dakota.....		650	3,065	3,503	14,778	6,313	6,995	28,844
Dodge.....		320	5,889	2,854	6,525	13,267	12,207	50,554
Douglas.....		10	1,017	5,181	6,416	6,365	5,674	20,627
Faribault.....		45	4,127	15,974	7,353	9,538	9,170	39,369
Fillmore.....		1,598	10,342	8,351	8,166	25,343	34,308	173,622
Freeborn.....		211	5,057	4,938	4,558	7,837	7,569	31,913
Goodhue.....		678	6,241	7,261	10,222	10,846	12,717	51,624
Grant.....			106	1,056	3,645	5,876	4,157	15,487
Hennepin.....		305	5,672	9,841	4,904	4,076	4,290	20,609
Houston.....		720	4,697	4,688	4,800	7,204	12,792	51,204
Hubbard.....					105	1,008	2,344	8,566
Isanti.....			975	2,700	5,350	4,559	2,456	6,658
Itasca.....						218	539	2,355
Jackson.....			413	4,538	12,482	11,875	13,360	57,939
Kanabec.....				15	500	3,336	3,736	13,510
Kandiyohi.....			742	8,133	7,824	6,006	7,452	32,506
Kittson.....				49	1,302	4,289	4,708	19,427
Koochiching.....							98	431
Lac qui Parle.....			25	944	5,280	2,771	3,599	14,610

TABLE XXVI—SHEEP AND GOATS ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850		1860		1870		1880		1890		1900		1910	
	Number		Number		Number		Number		Number		Number		Number	Value
Lake.....					7		18		56		15		5	14
Le Sueur.....			161		5,233		6,795		3,325		6,393		5,774	\$ 22,202
Lincoln.....							976		8,422		11,351		7,089	27,459
Lyon.....							3,351		10,210		12,481		12,979	60,451
McLeod.....					3,489		5,632		4,620		5,226		5,272	20,610
Mahnomen.....													132	559
Mankasha.....														
Manomin.....														
Marshall.....														
Martin.....					749		17		2,702		15,302		10,647	42,958
Meeker.....			38		2,936		14,615		11,328		9,523		12,150	56,511
Mille Lacs.....					155		6,166		4,477		4,504		7,264	31,304
Monongalia.....					2,468		219		471		2,020		2,234	8,566
Morrison.....			55		570		939		4,453		5,704		6,731	21,245
Mower.....			176		1,945		3,025		7,002		18,281		12,790	67,968
Murray.....					115		1,566		5,910		26,080		18,694	87,836
Nicollet.....			391		1,619		4,881		3,757		5,825		3,706	15,889
Nobles.....							8,275		10,749		16,136		23,522	113,172
Norman.....									4,908		6,177		6,095	21,891
Olmsted.....			3,348		4,918		8,693		14,538		29,374		34,841	153,681
Otter Tail.....					465		5,153		11,896		18,714		19,592	69,746
Pembina.....	2													
Pennington.....													4,644	15,630
Pierce.....														
Pine.....					11		2		298		2,253		4,069	15,987
Pipestone.....							78		1,509		11,795		21,617	93,461
Polk.....							747		9,853		12,429		11,433	49,662
Pope.....					964		5,004		4,719		4,272		3,665	15,420
Ramsey.....	45		4		298		219		583		875		1,368	5,279
Red Lake.....											5,005		1,755	6,323
Redwood.....					250		4,672		9,713		10,610		9,025	36,362
Renville.....			5		833		4,013		8,406		7,075		7,904	31,536
Rice.....			1,078		7,907		8,973		7,035		8,827		5,808	24,251
Rock.....					9		1,082		3,641		12,623		16,958	91,666
Roseau.....											4,568		7,114	22,809
Saint Louis.....							169		254		255		868	3,014
Scott.....			118		3,863		4,785		4,100		5,863		5,435	21,952
Sherburne.....			115		1,112		1,873		674		2,561		2,454	10,328
Sibley.....			195		3,666		6,627		5,135		7,877		6,498	23,224
Stearns.....			227		6,174		8,703		7,320		13,438		13,461	45,318
Steele.....			481		2,785		4,207		5,705		8,025		2,432	9,671
Stevens.....					32		223		2,190		4,374		10,497	44,470
Swift.....							1,202		4,126		2,810		3,414	13,439
Todd.....					378		1,761		5,043		9,434		7,783	27,532
Toombs.....														
Traverse.....							9		367		1,347		3,412	15,839
Wabasha.....	26		66		2,819		1,582		6,910		13,131		24,172	95,708
Wadena.....							25		1,323		3,675		4,026	16,959
Wahnahta.....														
Waseca.....			197		2,617		2,980		4,342		7,165		6,725	28,562
Washington.....	7		557		2,179		1,986		2,392		3,428		3,176	14,275
Watsonwan.....					446		3,080		5,943		11,190		6,006	26,360
Wilkin.....					11		43		1,061		2,741		3,440	16,150
Winona.....			555		3,287		5,123		5,530		12,245		16,360	65,231
Wright.....			140		2,612		11,698		9,665		9,345		4,926	18,767
Yellow Medicine.....							1,873		7,521		6,451		5,676	23,365
Indian Reservations.....											109			
Totals for the State.....	80		13,044		132,343		267,598		399,049		593,699	\$1,751,861	642,170	\$2,711,904

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TABLE XXVII—SWINE ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880	1890	1900	1910
	Number	Number	Number	Number	Number	Number	Value
Aitkin.....				21	236	1,399	1,568 \$ 13,625
Anoka.....		741	682	2,368	4,088	5,179	4,396 46,802
Becker.....			6	1,267	2,632	5,170	5,906 60,942
Beltrami.....					35	759	1,430 14,239
Benton.....	54	199	168	1,333	3,003	5,951	6,403 58,443
Big Stone.....			2	469	2,843	7,506	9,776 97,998
Blue Earth.....		2,389	5,652	16,136	31,951	33,727	42,714 410,526
Breckenridge.....							
Brown.....		1,232	1,796	6,230	14,292	20,334	29,539 267,688
Buchanan.....							
Carlton.....		10		32	113	859	1,480 13,091
Carver.....		5,376	7,874	10,991	17,983	23,037	26,706 186,088
Cass.....				4	191	986	1,651 13,341
Chippewa.....			256	1,146	3,649	18,500	21,926 210,625
Chisago.....		1,251	988	2,567	3,199	5,357	5,519 66,294
Clay.....			16	809	4,957	8,232	6,149 71,066
Clearwater.....							1,349 10,995
Cook.....					6	22	24 333
Cottonwood.....		4	32	3,365	4,613	17,660	26,699 257,127
Crow Wing.....			67	88	915	2,866	2,716 23,987
Dakota.....		5,149	6,232	9,970	16,132	17,429	20,455 195,787
Dodge.....		2,676	2,824	7,310	15,131	23,221	21,326 199,762
Douglas.....		59	983	3,225	4,830	8,964	11,285 87,808
Faribault.....		569	3,394	15,146	31,355	43,283	44,406 435,309
Fillmore.....		9,605	10,809	31,083	48,697	83,135	56,381 568,675
Freeborn.....		970	3,523	10,458	36,256	46,251	47,911 390,790
Goodhue.....		3,872	6,671	10,728	29,944	30,282	23,253 216,252
Grant.....			33	811	2,862	5,389	5,795 60,863
Hennepin.....		7,928	5,592	10,560	19,214	21,203	21,565 178,838
Houston.....		4,050	6,305	27,829	40,917	53,300	43,935 365,909
Hubbard.....					551	988	1,608 19,679
Isanti.....		158	395	1,365	2,704	3,387	3,225 33,568
Itasca.....	2				27	538	756 7,892
Jackson.....		17	251	2,771	8,859	32,980	36,456 362,927
Kanabec.....		11		94	288	1,379	1,524 15,588
Kandiyohi.....		39	172	2,266	4,329	11,755	21,103 208,252
Kittson.....				21	3,607	4,692	3,619 36,062
Koochiching.....							136 1,419
Lac qui Parle.....			19	1,550	6,452	22,138	29,896 287,840
Lake.....			8	2			94 982
Le Sueur.....		10,164	9,337	17,012	26,100	21,367	27,431 213,188
Lincoln.....				787	2,129	17,485	14,016 131,432
Lyon.....				2,534	5,852	30,473	25,498 261,909
McLeod.....		486	1,039	5,685	12,101	18,379	27,145 195,585
Mahnomen.....							646 5,818
Mankata.....							
Manomin.....		69					
Marshall.....				82	5,332	7,283	5,707 61,412
Martin.....		32	2,492	7,178	21,525	37,929	46,559 462,079
Meeker.....		515	2,687	3,644	6,010	10,275	19,421 192,571
Mille Lacs.....		24	170	179	893	2,227	2,362 22,737
Monongalia.....		98	649				
Morrison.....		713	593	2,278	5,318	11,324	12,637 101,702
Mower.....		849	2,973	12,047	20,297	44,747	29,689 327,228
Murray.....		8	10	1,385	3,949	31,721	27,436 278,363
Nicollet.....		1,468	1,982	5,819	21,140	19,689	20,770 206,119
Nobles.....				2,396	9,344	48,581	41,003 386,143
Norman.....					4,129	6,777	5,527 51,724
Olmsted.....		6,123	7,298	12,455	34,409	38,714	39,192 345,477
Otter Tail.....		20	411	5,389	13,240	20,271	27,462 245,534
Pembina.....	115						
Pennington.....							1,981 19,287
Pierce.....							
Pine.....		25	30	47	416	2,452	4,300 34,457
Pipestone.....				659	2,763	18,468	20,609 181,478
Polk.....				1,382	13,755	16,317	11,795 122,503
Pope.....			790	1,711	4,031	8,696	9,074 93,309
Ramsey.....	69	1,331	1,357	1,627	2,690	4,019	4,574 48,924
Red Lake.....						4,375	2,318 19,191
Redwood.....			47	2,496	7,050	23,054	32,965 301,589
Renville.....		113	285	4,639	11,595	28,821	42,677 377,515
Rice.....		5,232	7,324	9,860	20,984	22,967	25,549 224,869
Rock.....			11	3,663	17,003	45,976	40,310 385,269
Roseau.....						1,782	2,424 24,035
Saint Louis.....		3		112	330	521	1,659 14,574
Scott.....		4,060	6,654	9,218	15,654	18,785	18,395 148,649
Sherburne.....		220	542	1,418	4,921	7,340	6,851 68,787

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TABLE XXVII—SWINE ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850		1860		1870		1880		1890		1900		1910	
	Number		Number		Number		Number		Number		Number		Number	Value
Sibley.....			3,082		3,990		7,334		18,512		21,401		28,535	\$ 214,803
Stearns.....			3,266		6,237		11,106		16,413		29,936		40,476	306,068
Steele.....			744		2,006		7,129		15,519		26,090		29,617	227,413
Stevens.....					55		718		2,279		9,978		7,987	78,614
Swift.....							2,176		4,350		13,207		14,194	153,111
Todd.....			119		373		2,825		4,120		10,244		13,022	110,135
Toombs.....														
Traverse.....					2		131		2,714		6,353		8,283	90,527
Wabasha.....	134		3,336		8,238		11,294		38,255		31,021		22,410	197,259
Wadena.....							213		926		3,367		3,138	30,613
Wahnahta.....	4													
Waseca.....			1,167		3,188		7,317		15,231		24,036		21,951	191,775
Washington.....	362		3,492		2,870		4,966		11,015		12,404		12,309	118,247
Watsonwan.....					815		2,872		12,681		18,022		20,537	214,415
Wilkin.....					44		269		2,295		5,713		5,333	53,216
Winona.....			4,375		6,278		14,100		23,924		31,211		34,586	288,273
Wright.....			3,932		2,946		9,565		19,329		29,653		40,109	326,646
Yellow Medicine.....							1,683		6,331		28,490		29,108	277,143
Indian Reservations.....											1,007			
Totals for the State.....	740		101,371		148,473		381,415		853,715		1,440,806		1,520,257	\$13,929,127

TABLE XXVIII—POULTRY ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850		1860		1870		1880		1890		1900		1910	
	Number		Number		Number		Number		Number		Number	Value	Number	Value
Aitkin.....							170		2,092		14,465	\$ 4,558	25,679	\$ 11,480
Anoka.....							16,138		32,257		45,537	17,643	61,685	33,296
Becker.....							6,904		26,752		50,191	13,749	73,359	30,122
Beltrami.....									150		12,814	4,104	26,191	13,268
Benton.....							6,287		26,304		38,634	12,577	60,382	26,389
Big Stone.....							5,296		24,162		49,840	13,245	69,364	32,030
Blue Earth.....							89,991		144,916		240,382	66,027	262,705	116,156
Breckenridge.....														
Brown.....							45,501		97,756		143,153	32,095	204,295	73,721
Buchanan.....														
Carlton.....							1,057		1,713		8,818	3,258	24,914	12,476
Carver.....							63,924		101,233		137,172	39,752	184,135	72,978
Cass.....							12		2,127		13,626	3,693	23,875	11,201
Chippewa.....							12,492		37,508		90,936	24,103	137,676	51,910
Chisago.....							16,123		31,474		60,655	15,758	81,478	31,189
Clay.....							8,807		40,661		76,535	22,163	100,595	42,274
Clearwater.....													21,255	7,124
Cook.....							20		228		621	357	1,647	973
Cottonwood.....							17,959		49,145		106,670	29,764	149,210	60,529
Crow Wing.....							560		9,818		30,551	9,834	39,544	17,736
Dakota.....							70,262		127,277		122,338	41,836	144,203	77,662
Dodge.....							46,628		76,875		115,075	29,291	129,803	61,234
Douglas.....							20,386		46,193		90,510	19,520	128,284	47,438
Faribault.....							57,542		106,382		188,299	59,308	224,383	109,959
Fillmore.....							118,359		189,184		265,253	73,802	264,535	117,634
Freeborn.....							64,883		119,059		208,821	59,015	247,988	125,909
Goodhue.....							102,920		177,460		226,696	58,119	239,328	98,195
Grant.....							5,839		29,275		69,706	17,224	86,703	35,960
Hennepin.....							81,139		134,020		153,875	57,762	197,856	118,634
Houston.....							65,949		96,652		139,661	36,946	145,052	58,288
Hubbard.....									5,897		11,079	4,267	26,170	12,898
Isanti.....							11,963		34,354		54,617	13,729	73,129	22,904
Itasca.....									222		3,188	1,421	15,461	9,577
Jackson.....							16,242		54,949		158,710	44,777	195,602	85,870
Kanabec.....							255		2,981		14,749	3,553	27,460	12,612
Kandiyohi.....							25,311		57,865		105,924	25,137	169,825	67,575
Kittson.....							244		22,113		38,464	10,528	53,058	18,426
Koochiching.....													5,642	3,360
Lac qui Parle.....							11,926		51,047		116,490	33,381	173,502	73,960

TABLE XXVIII—POULTRY ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880	1890	1900		1910	
	Number	Number	Number	Number	Number	Number	Value	Number	Value
Lake.....				97	189	974	\$ 402	5,069	\$ 3,524
Le Sueur.....				64,698	90,864	137,281	37,147	165,409	83,003
Lincoln.....				6,577	27,416	67,889	18,608	104,885	38,725
Lyon.....				15,315	43,969	110,500	32,570	157,941	73,019
McLeod.....				44,852	92,157	150,447	42,011	215,456	91,022
Mahnomen.....								7,821	3,190
Mankota.....									
Manomin.....									
Marshall.....				634	32,715	66,079	18,688	91,901	32,615
Martin.....				25,087	76,589	177,261	52,191	232,674	113,338
Meeker.....				34,182	73,972	115,815	31,917	170,509	70,552
Mille Lacs.....					6,147	24,903	6,700	39,513	17,963
Monongalia.....									
Morrison.....				13,010	40,756	76,283	22,136	107,626	43,257
Mower.....				65,209	95,946	181,227	48,200	188,292	91,096
Murray.....				9,831	39,991	125,021	34,800	160,332	70,787
Nicollet.....				48,120	81,932	133,811	29,006	163,694	61,271
Nobles.....				13,958	52,298	154,034	43,874	185,219	86,758
Norman.....					41,771	69,443	16,712	98,413	38,133
Olmsted.....				97,542	137,661	199,389	54,230	215,944	98,172
Otter Tail.....				35,092	108,062	202,845	51,628	285,958	104,835
Pembina.....								41,662	16,640
Pennington.....									
Pierce.....									
Pine.....				659	4,878	31,198	8,487	60,776	25,424
Pipestone.....				3,802	25,609	75,737	18,458	96,070	46,250
Polk.....				12,298	104,681	139,425	44,427	184,945	80,390
Pope.....				14,307	42,662	80,868	23,117	111,980	43,926
Ramsey.....				15,473	26,583	32,393	12,148	51,184	33,526
Red Lake.....						44,288	12,321	23,159	10,647
Redwood.....				16,062	51,522	150,353	41,883	237,343	104,627
Renville.....				35,377	97,752	199,610	54,193	292,788	121,448
Rice.....				68,110	137,562	146,668	45,646	175,978	81,614
Rock.....				15,599	45,836	106,210	27,111	123,124	52,972
Roseau.....						20,102	7,383	42,492	16,641
Saint Louis.....				3,427	6,983	15,334	6,574	45,758	25,177
Scott.....				51,922	90,233	111,941	33,431	129,859	54,839
Sherburne.....				13,504	38,085	50,103	14,491	65,208	28,313
Sibley.....				50,536	106,513	162,932	43,171	224,797	86,605
Stearns.....				65,040	128,981	219,285	54,131	287,632	102,481
Steele.....				50,934	79,059	125,648	37,331	172,394	78,385
Stevens.....				6,978	24,225	59,031	17,549	77,906	33,950
Swift.....				19,728	44,625	84,852	24,116	122,282	50,414
Todd.....				13,920	37,422	88,897	23,939	131,936	55,735
Toombs.....									
Traverse.....				1,896	23,220	48,177	13,435	73,725	31,414
Wabasha.....				70,283	109,407	138,625	36,847	150,819	60,445
Wadena.....				1,859	10,331	27,390	8,588	37,840	17,813
Wahnahta.....									
Waseca.....				40,860	80,598	121,038	31,355	149,138	63,949
Washington.....				41,278	75,990	89,631	28,336	109,973	54,065
Watsonwan.....				20,018	47,880	96,298	27,672	117,166	50,739
Wilkin.....				1,590	23,984	48,362	14,444	73,172	31,508
Winona.....				83,412	109,025	125,893	34,991	151,977	64,998
Wright.....				60,115	119,747	181,689	53,114	251,171	119,382
Yellow Medicine.....				14,105	48,282	119,018	31,902	190,192	78,436
Indian Reservations.....						4,440	942		
Totals for the State.....				2,258,385	4,744,211	8,142,693	\$2,274,649	10,697,075	\$4,646,960

APPENDIX

TABLE XXIX—BEES ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880	1890	1900		1910	
						Number of swarms	Value	Number of swarms	Value
Aitkin.....						41	\$ 222	294	\$ 1,338
Anoka.....						206	858	180	724
Becker.....						15	74	89	468
Beltrami.....						30	221	159	855
Benton.....						729	2,677	757	2,752
Big Stone.....								123	750
Blue Earth.....						1,829	6,007	2,084	7,151
Breckenridge.....									
Brown.....						251	1,270	662	3,037
Buchanan.....									
Carlton.....						15	73	126	586
Carver.....						540	2,172	1,171	4,631
Cass.....						122	596	162	840
Chippewa.....						121	595	265	1,210
Chisago.....						837	3,112	574	2,557
Clay.....						1	5	90	464
Clearwater.....								41	217
Cook.....								4	40
Cottonwood.....						238	1,315	314	1,223
Crow Wing.....						250	1,297	569	2,648
Dakota.....						652	2,594	833	3,754
Dodge.....						1,043	3,232	1,054	4,047
Douglas.....						455	1,942	455	1,757
Faribault.....						1,138	4,323	1,331	4,783
Fillmore.....						1,893	7,030	3,094	11,282
Freeborn.....						926	3,077	1,107	4,101
Goodhue.....						1,873	6,086	2,119	7,366
Grant.....						79	302	32	143
Hennepin.....						1,556	5,294	2,042	8,950
Houston.....						911	2,321	1,028	3,351
Hubbard.....						3	15	18	156
Isanti.....						620	2,159	382	1,293
Itasca.....									
Jackson.....						278	1,113	305	1,181
Kanabec.....						402	1,314	607	2,648
Kandiyohi.....						194	692	201	932
Kittson.....						4	8	37	242
Koochiching.....								20	195
Lac qui Parle.....						195	714	178	890
Lake.....								5	30
Le Sueur.....						1,422	4,470	1,244	3,982
Lincoln.....						114	487	299	1,430
Lyon.....						195	741	797	3,850
McLeod.....						868	3,204	1,081	3,905
Mahnomen.....									
Mankato.....									
Manomin.....									
Marshall.....						6	30	49	269
Martin.....						911	3,804	858	3,635
Meeker.....						823	3,150	607	2,254
Mille Lacs.....						1,253	4,048	787	3,269
Monongalia.....									
Morrison.....						1,716	6,771	1,396	5,139
Mower.....						1,258	4,318	1,632	6,014
Murray.....						84	372	482	1,940
Nicollet.....						567	1,903	942	3,588
Nobles.....						47	182	646	3,011
Norman.....						38	180	51	270
Olmsted.....						1,247	4,628	1,466	5,783
Otter Tail.....						835	3,622	1,384	6,076
Pembina.....									
Pennington.....								113	487
Pierce.....									
Pine.....						746	2,637	618	2,509
Pipestone.....						7	22	95	450
Polk.....						273	1,467	577	3,317
Pope.....						145	536	85	408
Ramsey.....						279	1,052	110	570
Red Lake.....						241	1,232	183	796
Redwood.....						301	1,291	973	4,339
Renville.....						255	1,081	783	3,261
Rice.....						990	3,241	1,040	3,885
Rock.....						66	348	357	1,630
Roseau.....									
Saint Louis.....						102	571	41	290
Scott.....						996	3,002	950	2,948
Sherburne.....						251	787	150	609

TABLE XXIX—BEES ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880	1890	1900	1910
						Number of swarms Value	Number of swarms Value
Sibley.....						830 \$ 3,261	1,105 \$ 3,652
Stearns.....						1,641 6,027	1,338 5,072
Steele.....						630 1,889	892 3,297
Stevens.....						171 791	108 445
Swift.....						59 293	158 633
Todd.....						1,562 6,365	1,593 5,370
Toombs.....							
Traverse.....						9 45	60 333
Wabasha.....						2,024 6,286	1,971 7,330
Wadena.....						664 3,094	355 1,528
Wahnahta.....							
Waseca.....						525 1,931	1,142 4,876
Washington.....						672 3,060	987 4,187
Watsonwan.....						283 1,295	492 2,210
Wilkin.....						8 40	4 24
Winona.....						1,649 5,712	1,787 6,826
Wright.....						1,473 4,447	1,837 5,270
Yellow Medicine.....						194 857	540 2,222
Indian Reservations.....							
Totals for the State.....						45,877 \$167,280	56,677 \$221,781

TABLE XXX—ANIMALS SOLD AND SLAUGHTERED ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880	1890	1900	1910
		Value	Value			Value	Value
Aitkin.....						\$ 23,258	\$ 95,946
Anoka.....		\$ 6,262	\$ 10,612			103,101	171,829
Becker.....			150			134,950	258,435
Beltrami.....						13,696	73,345
Benton.....		2,544	4,094			98,402	240,622
Big Stone.....						105,991	277,609
Blue Earth.....		13,899	147,653			545,775	849,903
Breckenridge.....							
Brown.....		7,047	21,673			297,105	541,408
Buchanan.....							
Carlton.....		330				23,659	83,281
Carver.....		29,122	77,971			294,790	592,727
Cass.....						20,672	116,505
Chippewa.....						214,311	396,193
Chisago.....		7,903	25,014			173,487	264,744
Clay.....			90			189,520	317,930
Clearwater.....							93,185
Cook.....						765	4,495
Cottonwood.....		56	150			249,398	619,022
Crow Wing.....			840			56,466	124,072
Dakota.....		38,395	140,813			322,182	646,597
Dodge.....		17,206	45,912			343,281	652,455
Douglas.....		630	9,073			173,720	376,496
Faribault.....		8,282	81,538			591,802	991,051
Fillmore.....		56,649	265,363			956,755	1,858,863
Freeborn.....		8,582	84,091			694,728	1,006,544
Goodhue.....		25,310	175,551			529,143	816,771
Grant.....			280			121,617	231,361
Hennepin.....		153,620	149,908			328,221	659,272
Houston.....		34,305	114,202			703,657	958,729
Hubbard.....						14,071	85,543
Isanti.....		556	10,120			98,539	179,183
Itasca.....						5,048	29,269
Jackson.....		16	6,590			384,667	865,472
Kanabec.....		550				32,366	92,739
Kandiyohi.....		73	3,909			251,638	596,348
Kittson.....						119,163	188,447
Koochiching.....							8,992
Lac qui Parle.....						226,508	555,605
Lake.....			200			155	7,938
Le Sueur.....		42,499	188,613			292,914	487,834
Lincoln.....						205,150	389,534
Lyon.....						329,347	816,309
McLeod.....		3,372	40,364			292,899	494,511
Mahnomen.....							17,282
Mankahita.....							
Manomin.....		1,250					
Marshall.....						200,119	326,629

TABLE XXX—ANIMALS SOLD AND SLAUGHTERED ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880	1890	1900	1910
	Value	Value	Value			Value	Value
Martin.....		\$ 296	\$ 23,003			\$ 488,387	\$ 1,193,422
Mecker.....		2,805	1,314			259,867	693,017
Mille Lacs.....		130	4,418			47,798	158,905
Monongalia.....		305	13,874				
Morrison.....		2,194	8,008			156,618	352,842
Mower.....		7,522	80,335			631,013	953,550
Murray.....		113	460			340,057	732,486
Nicollet.....		11,146	54,193			277,026	412,642
Nobles.....						462,469	1,208,519
Norman.....						160,090	300,736
Olmsted.....		36,603	178,730			605,174	1,307,030
Otter Tail.....			676			440,709	925,698
Pembina.....							
Pennington.....							202,649
Pierce.....							
Pine.....		122	1,000			45,538	172,498
Pipestone.....						209,923	513,624
Polk.....		700				350,623	629,349
Pope.....			4,529			204,796	328,470
Ramsey.....		8,342	31,350			43,415	108,397
Red Lake.....						103,156	101,126
Redwood.....			1,018			340,356	764,926
Renville.....		60	2,606			376,945	757,432
Rice.....		35,066	149,623			386,512	694,882
Rock.....			50			385,498	931,527
Roseau.....						45,524	163,793
Saint Louis.....		425				13,412	114,672
Scott.....		25,857	119,881			284,862	400,461
Sherburne.....		4,656	18,509			126,133	224,463
Sibley.....		15,060	125,679			332,238	506,304
Stearns.....		19,282	128,441			499,555	1,039,861
Steele.....		10,457	55,872			368,123	654,099
Stevens.....			340			136,462	263,260
Swift.....						174,312	379,198
Todd.....		525	4,786			172,095	448,782
Toombs.....							
Traverse.....						96,348	233,127
Wabasha.....	\$1,950	25,666	128,702			406,374	683,893
Wadena.....						67,469	130,062
Wahnahta.....							
Waseca.....		8,595	67,536			327,594	436,484
Washington.....	890	25,430	35,832			293,730	503,530
Watsonwan.....			11,625			280,571	512,664
Wilkin.....			1,790			72,342	192,156
Winona.....		30,401	163,470			447,139	860,760
Wright.....		21,328	54,226			418,366	833,935
Yellow Medicine.....						307,977	577,759
Indian Reservations.....						5,041	
Totals for the State.....	\$2,840	\$751,544	\$3,076,650			\$20,954,673	\$41,064,015

TABLE XXXI—PRODUCTION OF WOOL AND MOHAIR ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880	1890	1900	1910
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Value
Aitkin.....				50	74	2,800	\$ 1,969
Anoka.....		136	5,246	8,548	12,358	7,560	979
Becker.....			108	4,737	14,321	19,550	6,125
Beltrami.....					35	3,060	906
Benton.....			1,261	2,433	4,499	15,640	3,958
Big Stone.....				1,420	7,244	8,424	6,189
Blue Earth.....			22,586	44,609	31,564	61,745	14,319
Breckenridge.....							
Brown.....		55	1,986	15,298	24,410	14,464	4,921
Buchanan.....							
Carlton.....				95	307	2,767	1,057
Carver.....		211	16,313	33,830	30,713	25,717	4,191
Cass.....					847	2,090	2,076
Chippewa.....			1,365	7,309	16,522	19,260	3,723
Chisago.....		647	3,688	11,293	11,590	10,598	2,057
Clay.....				3,605	19,975	13,467	4,702
Clearwater.....							2,755
Cook.....							27
Cottonwood.....				34,307	110,661	55,209	18,098
Crow Wing.....					1,368	5,598	2,123
Dakota.....		1,302	7,874	19,692	25,978	31,660	7,643

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TABLE XXXI—PRODUCTION OF WOOL AND MOHAIR ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880	1890	1900	1910
		Pounds	Pounds	Pounds	Pounds	Pounds	Value
Dodge			20,808	14,875	33,610	57,631	\$ 15,689
Douglas			1,992	23,645	24,961	23,700	5,033
Faribault		7	12,712	76,370	46,614	47,660	8,721
Fillmore		4,414	27,137	50,037	40,997	120,484	42,573
Freeborn		590	15,000	23,975	22,213	35,873	6,592
Goodhue		831	21,298	38,879	70,209	52,560	24,091
Grant			174	4,347	15,730	23,450	4,015
Hennepin		596	12,034	57,073	27,865	17,684	3,303
Houston		2,549	14,286	22,582	21,026	29,498	13,582
Hubbard					471	3,380	2,086
Isanti			2,607	10,445	17,596	11,256	1,688
Itasca						870	253
Jackson			1,328	22,458	50,208	54,982	16,814
Kanabec				75	1,831	10,960	2,410
Kandiyohi			2,025	35,021	33,016	24,800	8,151
Kittson				196	4,641	15,060	5,303
Koochiching							32
Lac qui Parle			100	4,605	24,357	11,176	2,917
Lake				65	120	54	2
Le Sueur		731	18,652	32,909	21,214	29,857	5,666
Lincoln				5,070	41,243	46,763	9,044
Lyon				17,872	57,834	52,475	13,457
McLeod			11,470	28,646	26,283	22,311	5,956
Mahnomen							85
Mankota							
Manomin							
Marshall				69	10,009	51,677	10,920
Martin			2,210	68,726	58,188	47,428	12,829
Meeker			7,878	34,311	22,340	19,930	9,133
Mille Lacs			380	1,244	1,392	8,207	1,585
Monongalia			10,515				
Morrison		6	1,491	4,002	15,024	22,290	4,771
Mower			7,670	16,403	40,822	83,360	13,620
Murray				8,337	21,610	111,498	17,076
Nicollet		279	5,389	25,847	17,238	24,974	2,848
Nobles				41,578	59,090	74,900	25,540
Norman					19,828	20,450	5,639
Olmsted		1,484	18,082	57,421	103,944	137,397	45,190
Otter Tail			343	21,380	43,946	65,760	16,689
Pembina							
Pennington							3,882
Pierce							
Pine			43	8	1,151	8,110	3,453
Pipestone				471	4,683	54,752	26,446
Polk				3,002	38,493	44,238	11,658
Pope			2,757	20,888	19,024	16,140	2,657
Ramsey			1,500	806	3,036	4,025	4,011
Red Lake						17,504	2,117
Redwood			900	32,872	50,985	47,947	8,815
Renville			1,735	21,504	40,417	30,612	6,297
Rice		620	20,607	42,566	49,058	38,227	7,267
Rock				6,492	15,747	56,177	20,730
Roseau						12,950	6,924
Saint Louis				676	875	1,027	673
Scott		199	13,446	23,776	21,896	24,243	6,134
Sherburne		227	2,556	9,026	3,445	9,592	2,647
Sibley		335	19,600	32,435	22,209	32,790	5,917
Stearns			17,701	37,981	32,594	53,670	10,405
Steele		1,233	7,172	21,071	31,413	38,020	2,732
Stevens			111	1,182	11,582	19,234	11,587
Swift				5,341	16,703	12,320	3,761
Todd			1,054	8,519	20,205	35,660	6,456
Toombs							
Traverse				25	1,538	5,184	4,407
Wabasha	75		4,416	10,622	42,182	63,023	28,882
Wadena				137	6,090	14,262	3,383
Wahnahta							
Waseca		297	6,206	15,330	27,341	29,592	8,029
Washington	10	1,381	6,806	9,308	13,492	18,230	4,750
Watsonwan			988	14,715	23,017	48,655	5,708
Wilkin				87	4,368	11,480	3,144
Winona		1,897	10,615	32,583	55,378	138,800	21,439
Wright		361	6,964	55,564	48,614	38,367	4,869
Yellow Medicine				9,448	31,777	28,108	5,657
Indian Reservations						390	
Totals for the State	85	20,388	401,185	1,352,124	1,945,249	2,613,293	\$695,958

TABLE XXXII—DAIRY PRODUCTS IN MINNESOTA

COUNTIES	1850	1860		1870			1880			1890		
	Butter, pounds of, produced	Butter, pounds of, produced	Cheese, pounds of, produced	Milk sold, gallons	Butter, pounds of, produced	Cheese, pounds of, produced	Milk sold or sent to butter and cheese factories, gallons	Butter made on farms, pounds	Cheese made on farms, pounds	Milk produced on farms, gallons	Butter made on farms, pounds	Cheese made on farms, pounds
1 Aitkin.....							315	700		165,130	29,345	200
2 Anoka.....		38,610	5,220		51,240	1,055	49,882	214,364	1,860	1,701,684	381,375	1,526
3 Becker.....							4,525	137,028	2,800	1,429,589	309,182	15,911
4 Beltrami.....										49,060	7,250	50
5 Benton.....		6,079	530		17,620	5,125		84,795	4,730	891,185	167,114	380
6 Big Stone.....					910		1,666	40,615	250	835,915	194,855	8,035
7 Blue Earth.....		82,367	3,920	11,100	487,971	12,090	2,710	704,895	6,718	4,407,539	1,018,695	22,801
8 Breckenridge.....												
9 Brown.....		62,505	5,950		94,993	2,070	3,701	396,883	10,256	2,484,714	633,235	12,557
10 Buchanan.....												
11 Carlton.....		100						8,670		88,790	13,621	
12 Carver.....		91,410	4,429	140	211,497	1,230	351	276,974	9,008	2,900,436	585,490	21,730
13 Cass.....								500		45,290	880	
14 Chippewa.....					64,030		25	127,744	4,870	1,178,915	249,102	2,775
15 Chisago.....		15,891	1,336	110	100,975	1,485	37,632	164,756	11,553	1,844,455	385,529	7,911
16 Clay.....					300		5,840	75,740	2,416	2,198,573	460,683	2,560
17 Clearwater.....												
18 Cook.....							225	265		483	80	
19 Cottonwood.....		500	50		3,100		490	213,097	7,010	1,719,088	488,025	10,680
20 Crow Wing.....					970		626	6,600	4,000	447,507	104,177	1,128
21 Dakota.....		148,777	12,105	4,940	457,400	3,450	7,110	487,980	3,545	4,785,064	815,759	9,720
22 Dodge.....		72,755	11,392	7,000	277,667	10,021	16,215	400,597	41,763	4,289,399	493,800	72,321
23 Douglas.....		2,700		76	90,574	324	1,034	274,302	13,945	1,762,062	443,685	8,718
24 Faribault.....		34,735	2,850	30	259,645	17,891	30,590	616,758	15,656	3,875,222	964,977	1,710
25 Fillmore.....		387,853	18,848		595,114	17,645	11,350	816,197	28,305	7,840,404	606,145	7,840
26 Freeborn.....		78,055	6,418		380,652	2,340	32,089	623,219	6,145	5,894,908	1,017,286	39,442
27 Goodhue.....		159,256	4,041	7,350	470,201	16,967	20,277	723,368	22,960	7,237,969	1,012,938	51,850
28 Grant.....					8,368			165,805	2,822	1,186,912	297,027	6,870
29 Hennepin.....		204,580	11,315	73,570	333,146	7,341	314,772	558,729	8,500	4,339,030	916,043	24,017
30 Houston.....		137,046	5,292	380	229,183	6,790	501	364,364	6,472	4,442,986	445,391	11,253
31 Hubbard.....										137,493	41,735	
32 Isanti.....		4,600	490		58,331	175	11,791	106,526	2,377	1,033,319	226,957	1,740
33 Itasca.....										5,410	780	
34 Jackson.....		715			35,510	1,110	320	192,548	560	2,139,260	508,525	6,600
35 Kanabec.....		1,050		40	300	100		5,155		264,015	59,984	
36 Kandiyohi.....		1,100		100	25,983	100	200	373,650	8,373	2,626,107	530,532	6,987
37 Kittson.....								60		932,883	156,786	2,919
38 Koochiching.....												
39 Lac qui Parle.....					6,010		92	173,471	650	2,024,474	411,874	3,801
40 Lake.....							330	2,200		7,815	900	
41 Le Sueur.....		96,773	3,190	180	320,985	945	11,024	362,963	530	2,264,946	580,042	2,317
42 Lincoln.....							50	52,201	810	1,084,094	228,360	620
43 Lyon.....							3,645	200,496	675	1,646,879	403,024	1,145
44 McLeod.....		22,290	1,520		168,438	11,072	31,805	485,206	8,615	3,096,165	563,231	17,114
45 Mahnomon.....												
46 Mankato.....												
47 Manomin.....		1,810	524									
48 Marshall.....								935		1,408,163	282,325	18,540
49 Martin.....		1,425			114,473	1,190	57,638	307,480	1,590	2,780,006	568,558	2,480
50 Meeker.....		14,780	261	1,100	142,771	685	25	302,852	3,641	2,429,439	538,014	9,722
51 Mille Lacs.....		620			22,667			22,680	1,900	314,855	56,965	250
52 Monongalia.....		2,115			67,047	2,482						
53 Morrison.....		5,697	150		20,005		3,565	108,965	420	1,435,848	340,120	375
54 Mower.....		47,440	6,636	45	295,896	2,130	31,421	531,670	5,340	5,634,055	843,456	3,625
55 Murray.....		1,080	50		3,900	150	60	106,019	525	1,329,640	381,534	5,990
56 Nicollet.....		96,693	4,574	5,247	250,844	11,163	6,320	405,287	7,725	3,325,680	564,331	12,090
57 Nobles.....							270	150,604	1,190	1,548,674	433,291	7,597
58 Norman.....										2,080,488	400,557	6,590
59 Olmsted.....		148,468	23,629	8,980	654,455	16,480	259,698	675,133	55,489	6,321,047	749,810	11,457
60 Otter Tail.....		2,150			14,525		7,534	486,696	29,868	4,453,127	1,088,869	62,143
61 Pembina.....												
62 Pennington.....												
63 Pierce.....												
64 Pine.....		190			500			2,384		258,205	66,238	347
65 Pipestone.....							1,028	28,638	50	745,993	176,469	7,175
66 Polk.....		1,450	400				1,565	110,253	738	4,157,202	981,314	16,162
67 Pope.....					65,375	1,310	100	281,593	5,850	2,078,505	484,133	4,099
68 Ramsey.....		17,623	2,000	12,000	91,185	10,700	113,181	153,499	11,390	1,472,518	126,479	800
69 Red Lake.....												
70 Redwood.....					5,275	2,900	405	191,498	3,820	2,535,603	480,410	13,225
71 Renville.....		400			40,185	610	21	429,914	13,142	3,730,730	815,113	6,123
72 Rice.....		148,096	20,110	9,618	364,260	15,311	91,271	491,640	1,745	5,282,804	736,081	6,213
73 Rock.....					2,900		807	127,418	3,286	1,448,339	395,429	100
74 Roseau.....												
75 Saint Louis.....		715	200				4,575	18,695		261,614	44,565	
76 Scott.....		124,622	4,500		319,142	1,500	230	325,603	3,201	2,517,160	466,890	1,660
77 Sherburne.....		16,145	2,210		53,610	12,250	1,602	160,549	32,374	1,537,750	289,531	475

APPENDIX

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BY COUNTIES, 1850-1910

1900							1910							Counties	
Milk produced on farms, gallons	Milk, gallons sold	Cream, gallons sold	Butter made on farms, pounds	Butter, pounds sold	Cheese made on farms, pounds	Cheese, pounds sold	Milk produced on farms, gallons	Milk, gallons sold	Cream, gallons sold	Butter fat, pounds sold	Butter produced on farms, pounds	Butter sold, pounds	Cheese produced, pounds		Cheese sold, pounds
723,078	28,159	954	151,946	60,870	1,700		1,719,143	11,741	27,332	110,875	270,693	103,629	60	10	1
2,365,627	458,044	773	475,589	310,647			2,799,544	752,698	26,034	138,130	453,389	309,736			2
2,867,568	355,887	39,186	452,571	206,076	2,625	348	3,942,948	50,922	32,795	418,919	568,194	278,844	2,003	1,685	3
696,600	52,578		130,831	50,513	842	510	936,664	48,539	1,801	33,366	244,644	107,333	870	80	4
1,341,980	121,669	483	299,046	160,640	3,630	3,412	2,333,641	119,285	103,946	569,153	179,121	53,582	226		5
1,215,948	75,554	21	233,227	94,332	2,398	1,745	1,012,097	41,681	35,044	99,016	189,373	80,648	210		6
7,712,792	3,997,673	302	761,762	414,271	616	452	3,166,097	1,825,433	80,551	612,443	647,760	461,601	3,600	3,500	7
4,986,269	3,476,998		256,217	106,922	6,110	4,985	4,316,757	1,686,773	105,347	479,754	166,414	69,383	1,900	1,700	8
777,135	104,898	31	149,947	67,442			1,636,097	87,108	18,753	138,291	293,527	154,824			9
5,476,434	3,454,350	2,639	347,481	251,842	3,605	2,842	5,086,733	1,683,289	68,745	928,738	458,285	373,193	258		10
550,368	32,012		121,699	50,159			896,037	2,459	17,794	105,551	196,017	88,294	60		11
2,364,608	747,354	204	308,662	135,385	2,870	2,632	2,253,208	94,826	72,660	95,692	449,765	201,760			12
3,973,945	2,217,392		300,947	145,092	1,467	421	4,532,794	1,042,083	13,103	1,028,951	152,008	98,058	651		13
3,067,038	203,482	13,804	578,407	355,189	2,194	1,726	2,988,286	299,971	38,528	170,771	656,048	340,283	150	638	14
							1,621,339	3,702	8,444	121,563	282,494	154,978	960	650	15
23,533	745		2,161	308			56,196	2,705			14,324	3,757			16
3,382,064	896,739	6,714	538,430	305,388	441	205	2,355,285	18,639	22,525	859,921	220,087	46,751			17
1,110,512	92,157	420	219,702	122,682	1,470	1,230	1,467,812	83,738	23,467	34,387	350,966	214,767	245	95	18
4,362,537	844,803	7,799	797,244	489,023	2,070	1,508	3,606,034	1,004,442	68,873	319,816	676,998	406,673			19
5,351,284	1,465,470	108,262	695,089	494,233	31,059	28,734	4,856,057	1,615,633	131,309	498,999	640,268	473,813	1,300	300	20
3,193,056	311,322	525	595,731	240,077	1,836		4,001,506	306,215	58,003	738,237	434,877	146,194	3,056	3,056	21
6,449,137	3,887,923	4,050	444,950	300,805			4,068,323	1,060,202	114,047	606,760	344,581	259,491	85		22
8,592,890	2,296,828	196,411	1,134,698	597,760	106	103	6,567,474	102,524	84,176	1,070,904	868,936	394,853	115	50	23
12,101,481	8,616,669	4,352	673,720	489,194	6,989	6,502	5,781,089	4,539,932	83,586	519,429	750,510	586,890			24
7,899,332	2,015,516	185,634	1,095,294	582,870	5,353	5,075	6,413,763	2,290,626	207,637	1,166,835	435,185	126,927	6,998	950	25
2,196,513	98,760		462,449	241,326	1,236	660	1,866,396	5,844	46,516	297,576	300,858	95,048	8,400	8,400	26
9,992,644	5,880,054	22,624	875,874	493,143	27,775	25,583	9,144,685	5,953,533	47,361	293,000	785,446	507,635	9,583	8,861	27
4,875,100	888,900	233,020	553,550	251,960	210	50	3,834,781	17,776	79,015	583,257	611,326	361,985	3,500	2,600	28
306,348	29,267		52,676	19,934	535		780,537	47,069	13,639	15,575	185,195	89,571	275	20	29
2,305,812	268,256	2,788	382,082	171,417	1,571		2,819,457	534,880	13,006	398,215	305,332	106,267	25		30
115,024	7,395		25,904	11,295			558,751	45,918	4,923		124,685	56,446	705		31
4,299,776	1,227,020	2,662	705,983	470,954	6,646	6,242	3,629,828	48,321	92,906	607,880	544,011	361,469			32
1,034,223	84,245		218,968	125,312	834	142	1,766,232	89,853	34,712	296,429	201,582	33,756	400	300	33
5,038,863	2,399,647	1,163	455,967	217,780	6,937	5,794	4,865,632	445,164	57,696	462,885	926,088	590,514	4,300	4,000	34
1,339,668	51,146		253,042	82,416	4,590	172	2,377,142	6,742	16,544	188,442	369,014	138,066	1,125	30	35
							127,209	1,082			28,176	7,901	80		36
3,375,101	491,221	139	671,879	326,113	2,700	1,331	2,642,338	36,294	40,763	271,610	557,519	235,295	534	384	37
23,280	14,190		1,416	308			120,370	44,123	206		9,588	2,839			38
4,446,628	1,564,579		558,878	315,117			2,201,098	967,664	203,848	112,505	258,716	137,419			39
2,263,635	442,985		365,095	162,951	646		2,887,184	49,371	35,338	696,414	254,594	71,430	150		40
3,271,074	202,290	61	758,461	429,304	8,940	8,201	1,465,967	64,881	59,276	515,316	294,028	97,267	190		41
5,980,982	3,353,000	91	499,708	318,059	1,714	1,464	4,213,903	1,563,203	12,855	716,424	787,174	489,029	200	90	42
							249,501	6,790	5,672	10,037	48,440	20,105			43
															44
															45
															46
2,840,360	94,020	102	557,056	172,456	2,636	164	3,814,474	18,234	125,161	386,242	673,840	237,470	3,072	1,330	47
5,424,511	2,206,276	9,256	687,588	440,813	4,040	3,518	3,309,385	282,280	75,053	849,438	388,873	193,444	400	300	48
5,777,546	3,883,898	52	306,466	178,092	1,082	406	5,857,347	858,944	26,780	1,644,961	80,001	24,932			49
1,040,112	94,294	41	201,108	98,932	103		2,977,856	18,790	14,111	832,827	126,128	39,017	60		50
															51
2,475,365	147,409	3,485	549,476	260,862	158	20	5,621,543	136,720	111,383	964,205	469,663	167,612	595	540	52
6,531,436	2,906,102	63,986	659,746	408,507	31,405	30,694	4,123,224	733,308	95,152	599,744	686,515	467,780			53
3,214,744	606,801	527	591,500	325,513	2,548	2,091	3,925,471	23,069	83,154	670,099	227,611	65,012			54
4,126,818	2,706,388	41,218	206,499	100,616	2,836	2,020	2,534,308	1,518,034	21,197	295,986	93,420	67,243			55
2,951,120	106,843	41	684,306	363,506	1,575	1,281	2,041,878	36,183	100,828	548,934	325,789	131,989	1,200	1,100	56
3,204,124	200,802	5,451	624,942	270,917	2,163	731	3,422,945	17,690	34,385	548,111	513,078	219,601	2,170	1,525	57
6,885,855	2,738,214	12,041	903,533	551,668	551		3,078,702	251,669	133,115	803,416	695,017	421,081			58
7,821,870	377,200	465	1,571,902	681,205	10,914	5,292	9,988,171	283,052	109,775	1,836,690	1,262,512	432,154	2,106	1,780	59
															60
															61
															62
															63
1,355,198	183,366		249,621	119,956	327	63	2,568,211	115,936	102,937	390,304	412,786	244,868	1,130		64
1,545,606	165,186	155	322,744	164,596			1,234,927	51,636	44,794	262,322	261,917	135,144			65
6,494,300	314,389	3,000	1,438,801	676,660	33,272	30,714	8,039,937	338,421	127,238	986,606	1,377,339	665,911	466		66
3,365,623	421,202	302	627,725	284,346	4,535	472</									

TABLE XXXII—DAIRY PRODUCTS IN MINNESOTA

COUNTIES	1850	1860		1870			1880			1890		
	Butter, pounds of, produced	Butter, pounds of, produced	Cheese, pounds of, produced	Milk sold, gallons	Butter, pounds of, produced	Cheese, pounds of, produced	Milk sold or sent to butter and cheese factories, gallons	Butter made on farms, pounds	Cheese made on farms, pounds	Milk produced on farms, gallons	Butter made on farms, pounds	Cheese made on farms, pounds
78 Sibley.....		74,150	1,000		310,217	1,200	8,424	272,608	1,315	2,369,694	373,911	6,296
79 Stearns.....		87,565		108	323,085	10,435	43,147	591,202	40,440	3,920,526	851,080	10,273
80 Steele.....		65,075	8,206	27,840	208,249	2,950	57,851	443,094	8,139	3,567,450	587,285	5,226
81 Stevens.....					8,280		140	40,887		1,184,562	240,695	2,035
82 Swift.....						160	4,325	180,656	2,653	1,730,166	457,221	3,990
83 Todd.....		6,100		27	25,683		550	131,539	7,390	1,824,589	439,063	9,009
84 Toombs.....												
85 Traverse.....								21,425		682,461	140,892	275
86 Wabasha.....		135,245	516	15,444	376,729	4,830	13,105	575,332	5,057	4,210,385	688,282	4,301
87 Wadena.....								23,110		544,444	112,468	1,737
88 Wahnaha.....												
89 Waseca.....		41,325	8,345		224,227	4,184	2,281	376,439	6,330	2,672,235	623,148	5,865
90 Washington.....	1,100	77,817	2,830		118,392	3,501	153,296	302,645	11,587	2,457,251	674,467	3,715
91 Watonwan.....				120	43,095	280	600	248,994	1,600	2,262,572	554,423	16,535
92 Wilkin.....					9,825		875	4,160	400	745,659	158,610	2,205
93 Winona.....		117,845	9,326	22,585	478,425	6,760	36,643	539,784	9,110	4,836,155	800,327	14,407
94 Wright.....		71,285	4,951		115,675	1,490	626	362,623	6,017	3,616,377	578,423	5,314
95 Yellow Medicine.....							45	187,461	1,642	1,946,833	421,213	2,993
96 Indian Reservations.												
Totals for the State..	1,100	2,957,673	199,314	208,130	9,522,010	233,977	1,504,407	19,161,385	523,138	182,968,973	34,766,409	676,642

APPENDIX

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BY COUNTIES, 1850-1910—Continued

1900							1910							Counties	
Milk produced on farms, gallons	Milk, gallons sold	Cream, gallons sold	Butter made on farms, pounds	Butter, pounds sold	Cheese made on farms, pounds	Cheese, pounds sold	Milk produced on farms, gallons	Milk, gallons sold	Cream, gallons sold	Butter fat, pounds sold	Butter produced on farms, pounds	Butter sold, pounds	Cheese produced on farms, pounds		Cheese sold, pounds
5,584,142	2,852,110	523	561,075	337,157	3,131	3,015	3,061,976	636,507	49,461	464,977	581,605	416,783	80		78
7,671,896	2,363,433	2,252	1,043,154	654,137	2,040	1,182	8,337,777	1,373,024	439,378	1,022,376	622,491	325,730	2,704	2,350	79
7,042,534	5,667,520	2,379	186,835	46,206			4,811,248	3,018,714	36,156	561,620	578,544	511,899			80
1,822,966	238,154	20	355,337	172,033	5,681	5,525	1,653,251	18,525	65,060	222,845	228,050	69,132			81
3,169,077	735,057	4,352	517,625	255,139	9,262	7,216	2,603,047	74,423	41,690	248,237	441,958	163,382	1,826	1,750	82
2,993,145	62,798		659,222	305,706	2,982	2,204	3,820,758	227,878	115,500	1,093,905	454,062	224,344	2,000	2,000	83
1,191,015	15,285	82	257,559	103,113	191		1,144,976	16,358	39,696	118,623	230,251	82,109	1,228	1,000	84
3,860,004	649,112	4,989	778,036	484,699	1,775	1,313	2,410,499	57,295	114,790	498,870	378,349	150,059	75	35	85
1,161,222	36,236		266,863	126,855	134	81	2,000,736	205,463	50,361	380,633	167,445	51,856	1,450	1,400	86
															87
5,217,761	3,024,748	161	469,094	371,076			2,406,694	1,322,037	36,908	433,495	308,608	212,222	15		88
4,135,003	1,493,426	7,575	564,427	378,558			3,972,611	2,137,263	43,669	117,982	387,037	256,908	106		89
3,463,764	2,053,310	1,868	303,817	197,606	61		3,266,602	563,892	102,280	404,551	198,849	149,002			90
1,430,416	77,148		282,093	103,105	4,568	3,782	1,531,362	30,810	19,027	117,103	264,281	115,780	455	190	91
4,733,106	1,124,009	13,160	823,732	490,385	2,958	2,828	3,666,845	630,430	40,043	914,422	762,484	546,018	1,350	1,250	92
6,669,582	1,304,631	13,591	1,176,909	743,802	330	41	8,116,137	2,179,855	208,041	1,192,154	498,430	331,202	1,704	1,628	93
3,046,575	203,783	430	655,473	279,031	252	123	2,307,324	32,212	37,705	342,402	546,999	171,297			94
81,085	2,688		15,809	5,122											95
															96
304,017,106	103,768,172	1,205,845	41,188,846	22,376,084	290,623	227,878	273,319,603	53,181,785	5,756,165	40,414,151	34,708,669	18,016,409	106,075	79,045	

APPENDIX

TABLE XXXIII—POULTRY PRODUCTS ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880	1890	1900	Value of poultry raised	1910	Total value
				Eggs, dozens	Eggs, dozens	Eggs, dozens		Eggs, dozens	
Aitkin				935	9,206	94,770	\$ 5,386	139,083	\$ 36,624
Anoka				79,002	115,356	340,530	25,639	367,495	107,966
Becker				44,027	113,097	287,420	19,342	432,282	104,692
Beltrami					885	57,440	4,679	155,238	49,868
Benton				19,683	94,428	228,730	16,915	323,047	93,041
Big Stone				14,466	116,418	321,720	15,967	278,477	81,739
Blue Earth				301,965	554,551	1,231,460	80,183	1,150,876	322,821
Breckenridge								279,494	
Brown				145,746	368,938	677,060	39,122	884,388	222,104
Buchanan								196,390	
Carlton				7,494	8,560	63,420	3,872	130,831	40,476
Carver				238,700	518,142	749,860	49,588	949,735	249,156
Cass					5,888	63,810	4,449	126,093	33,281
Chippewa				44,944	178,156	488,090	27,335	581,455	137,627
Chisago				97,203	194,657	461,710	16,708	532,643	124,758
Clay				22,449	235,457	484,000	28,325	483,361	130,189
Clearwater								110,056	24,722
Cook				150	457	5,460	397	14,424	5,378
Cottonwood				67,807	197,472	539,200	38,820	624,313	160,474
Crow Wing				4,377	44,007	176,470	16,128	209,605	59,032
Dakota				298,812	394,133	585,810	65,453	814,632	263,420
Dodge				150,140	326,402	630,720	33,605	645,000	177,538
Douglas				59,524	173,886	478,330	21,066	666,087	158,123
Faribault				200,122	375,323	868,870	93,919	833,473	251,290
Fillmore				422,998	886,408	1,524,000	77,825	1,260,890	318,721
Freeborn				232,574	523,500	989,530	96,520	1,116,040	327,201
Goodhue				358,236	887,524	1,167,970	74,855	1,276,267	320,005
Grant				12,849	123,593	429,870	22,460	367,806	92,993
Hennepin				241,926	522,716	875,190	84,344	1,166,318	379,112
Houston				186,831	413,724	677,950	45,671	581,854	160,662
Hubbard					16,344	55,450	4,778	143,024	41,512
Isanti				53,282	137,783	351,780	14,814	445,762	93,158
Itasca					687	18,780	2,019	90,046	34,874
Jackson				51,888	207,993	598,990	56,899	849,158	222,232
Kanabec				1,090	17,047	91,140	4,050	125,378	33,041
Kandiyohi				60,309	243,446	531,660	26,499	813,723	198,822
Kittson					128,626	217,860	12,550	267,008	64,005
Koochiching								25,013	9,024
Lac qui Parle				40,536	221,942	715,490	37,877	770,412	198,642
Lake				900	750	4,470	532	23,577	6,835
Le Sueur				245,671	292,517	648,780	68,372	744,502	211,497
Lincoln				16,225	110,607	304,350	24,154	481,256	101,751
Lyon				48,375	176,676	580,820	41,142	546,349	167,033
McLeod				148,969	471,650	770,860	66,716	1,086,181	280,265
Mahnomen								30,005	8,542
Mankato									
Manomin									
Marshall				237	130,497	411,800	22,608	461,962	102,306
Martin				74,432	266,938	742,290	63,880	953,093	284,927
Meeker				112,508	243,652	792,470	45,493	914,361	226,699
Mille Lacs					23,658	142,510	9,215	258,575	68,179
Monongalia									
Morrison				54,451	158,292	438,870	25,430	569,399	137,309
Mower				312,833	389,396	884,870	67,151	807,229	191,392
Murray				38,191	137,620	635,580	43,782	685,514	179,348
Nicollet				181,708	397,615	638,440	32,349	680,157	135,466
Nobles				81,921	250,902	808,130	61,449	726,672	167,807
Norman					195,341	330,630	17,327	572,015	208,042
Olmsted				316,941	691,881	1,190,370	59,212	1,051,195	265,647
Otter Tail				117,152	444,449	1,195,950	63,027	1,459,682	353,700
Pembina									
Pennington								241,190	38,694
Pierce									
Pine				2,336	25,026	184,190	11,047	355,460	89,002
Pipestone				13,145	116,347	346,490	20,781	388,273	103,482
Polk				28,578	459,870	774,600	57,463	999,211	205,344
Pope				61,873	187,656	486,550	26,279	500,041	103,183
Ramsey				66,504	90,576	213,250	15,771	255,855	56,199
Red Lake						224,740	14,200	118,937	22,735
Redwood				58,226	200,895	711,970	55,567	1,069,283	266,000
Renville				101,473	380,098	881,020	59,296	1,219,347	267,859
Rice				236,437	599,743	811,230	69,482	859,530	211,235
Rock				69,627	209,695	623,570	26,629	433,131	108,029
Roseau						136,030	7,715	248,079	36,677
Saint Louis				11,154	47,791	86,460	7,087	275,423	44,759
Scott				202,774	427,703	686,980	50,788	748,522	182,771
Sherburne				54,584	160,412	344,090	24,203	318,078	85,104

TABLE XXXIII—POULTRY PRODUCTS ON FARMS IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880	1890	1900		1910		
				Eggs, dozens	Eggs, dozens	Eggs, dozens	Value of poultry raised	Eggs, dozens	Poultry raised	Total value
Sibley.....				142,756	436,505	752,660	\$ 55,099	956,914	213,031	\$ 247,123
Stearns.....				233,911	535,437	1,302,880	67,990	1,489,402	243,094	357,153
Steele.....				145,638	391,620	734,680	55,015	774,578	190,169	220,365
Stevens.....				19,778	87,139	311,690	25,653	347,172	84,218	97,985
Swift.....				65,671	197,430	441,590	25,553	485,934	112,296	126,132
Todd.....				35,921	150,379	560,360	30,163	721,817	132,161	171,157
Toombs.....										
Traverse.....				6,852	114,975	226,770	15,911	322,630	83,870	87,222
Wabasha.....				265,672	483,119	707,710	37,566	680,223	127,318	171,577
Wadena.....				10,560	60,934	197,370	10,017	182,814	45,733	48,800
Wahnahta.....										
Waseca.....				153,864	414,028	569,390	40,768	568,077	176,341	173,258
Washington.....				206,527	323,100	606,540	37,866	592,829	119,953	173,131
Watsonwan.....				56,159	204,567	325,540	32,332	456,048	123,699	131,540
Wilkin.....				2,057	79,808	272,660	16,773	344,861	76,093	92,727
Winona.....				324,291	546,363	524,410	38,868	785,652	160,286	202,192
Wright.....				410,207	465,553	992,510	78,840	1,154,538	270,094	310,645
Yellow Medicine.....				37,007	218,536	548,270	32,416	716,509	191,902	207,833
Indian Reservations.....						20,200	681			
Totals for the State.....				8,234,161	20,354,498	43,208,130	\$2,927,717	50,413,375	10,933,411	\$13,496,74

TABLE XXXIV—PRODUCTION OF HONEY AND WAX IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850	1860	1870	1880	1890	1900	1910	Value
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
Aitkin.....				200		790	2,782	\$ 400
Anoka.....		105		1,434	2,298	5,290	2,534	304
Becker.....					10	140	1,479	260
Beltrami.....		56		2,793	8,949	430	3,775	609
Benton.....					200	28,570	9,208	1,155
Big Stone.....		400	5,556	10,190	43,044	33,590	33,592	4,364
Blue Earth.....								1,153
Breckenridge.....			1,242	1,371	4,273	11,180	14,958	1,633
Brown.....								
Buchanan.....								
Carlton.....					10	270	982	151
Carver.....		3,340	463	8,497	12,926	11,050	19,248	2,397
Cass.....					20	5,500	4,443	618
Chippewa.....				8	330	1,640	3,004	363
Chisago.....		500	2,450	6,886	16,560	21,040	6,672	777
Clay.....					100		2,055	270
Clearwater.....							2,957	550
Cook.....							100	25
Cottonwood.....				407	535	5,610	2,747	403
Crow Wing.....					320	4,450	13,249	1,784
Dakota.....		75	3,906	4,114	30,894	10,490	15,502	1,766
Dodge.....		1,653	4,139	3,741	28,216	15,410	21,852	2,864
Douglas.....				2,268	8,921	16,340	8,611	1,030
Faribault.....			1,525	6,104	27,875	19,330	21,789	2,782
Fillmore.....		4,041	5,017	18,104	97,256	33,770	80,656	9,032
Freeborn.....		325	390	5,117	15,812	12,430	25,557	3,082
Goodhue.....		750	6,551	5,691	42,274	29,080	33,123	3,769
Grant.....					766	2,840	635	87
Hennepin.....		4,840	3,573	13,788	54,260	43,710	38,355	5,290
Houston.....		2,552	1,457	4,878	70,186	22,010	23,401	2,419
Hubbard.....							550	75
Isanti.....			490	3,414	6,235	13,296	1,638	188
Itasca.....								
Jackson.....				302	1,918	5,280	5,318	739
Kanabec.....						9,160	8,395	1,058
Kandiyohi.....				5,835	4,914	2,620	3,226	476
Kittson.....						30	840	172
Koochiching.....							163	24
Lac qui Parle.....								
Lake.....					810	4,133	2,372	347
Le Sueur.....		1,018	1,045	6,679	28,139	35,070	26,565	3,240
Lincoln.....					10	2,390	5,839	851
Lyon.....				20	4,384	3,890	10,253	1,573
McLeod.....		742	2,369	2,986	17,602	20,980	12,180	1,572
Mahnomen.....								
Mankato.....								
Manomin.....								
Marshall.....								
Martin.....			200	5,437	885	60	888	163
Meeker.....			945	5,874	17,757	16,360	11,768	1,694
Mille Lacs.....				5,874	23,771	17,500	7,276	1,053
Monongalia.....				1,500	12,574	39,510	11,258	1,164
Morrison.....								
Mower.....		200	425	8,320	49,860	43,240	18,554	2,297
Murray.....				54	1,078	18,120	43,974	5,254
Nicollet.....		2,281	2,314	6,379	19,993	12,360	11,022	1,291
Nobles.....					450	820	8,121	1,118
Norman.....						1,460	1,513	184
Olmsted.....		1,512	7,521	8,705	72,629	23,660	34,823	4,162
Otter Tail.....				110	2,700	15,920	26,406	3,307
Pembina.....								
Pennington.....							4,970	793
Pierce.....								
Pine.....			56	145	3,250	19,090	12,758	1,554
Pipestone.....				575	105	20	1,876	296
Polk.....					573	6,640	10,323	1,600
Pope.....				42	1,331	3,850	1,778	230
Ramsey.....		250	420	2,174	8,300	15,310	1,642	232
Red Lake.....						8,820	2,881	424
Redwood.....						7,060	10,546	1,467
Renville.....				527	4,312	5,670	10,610	1,434
Rice.....		1,408	7,753	9,274	61,310	18,040	11,027	1,402
Rock.....					70	790	7,620	1,136
Roseau.....								
Saint Louis.....				695	6,550	3,760	1,170	187
Scott.....		2,305	3,089	5,574	15,463	23,160	15,138	1,907
Sherburne.....			655	4,452	5,209	5,324	1,164	162
Sibley.....		1,255		4,371	12,035	23,600	14,940	1,817
Stearns.....			2,396	9,799	21,007	35,300	13,025	1,974

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TABLE XXXIV—PRODUCTION OF HONEY AND WAX IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850	1860	1870	1880	1890	1900	1910	
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Value
Steele.....			2,320	3,028	40,717	9,950	11,034	\$ 1,416
Stevens.....					540	3,580	1,037	163
Swift.....					20	640	3,237	450
Todd.....				4,983	1,080	38,990	21,859	2,635
Toombs.....								
Traverse.....						300	455	92
Wabasha.....	75	67	5,203	15,370	106,405	30,420	60,262	7,135
Wadena.....					162	13,730	6,565	876
Wahnahta.....								
Waseca.....		60	1,506	2,824	14,801	8,500	21,229	2,435
Washington.....	5	2,440	5,704	2,232	15,948	12,050	19,598	2,414
Watsonwan.....			459	1,081	1,011	5,890	8,434	1,090
Wilkin.....						80	295	39
Winona.....		2,305	13,460	7,134	86,217	49,259	41,131	4,872
Wright.....		640	1,970	11,009	28,803	31,030	19,425	2,561
Yellow Medicine.....					3,081	4,250	6,328	939
Indian Reservations.....								
Totals for the State.....	80	*35,129	96,569	240,606	1,172,440	1,007,072	993,142	\$124,617

* Total as given in Census (1860, p. 83):
Pounds of wax..... 1,544
Pounds of honey..... 34,285

Correct sum of county items:
Pounds of wax..... 1,544
Pounds of honey..... 33,585
35,129

TABLE XXXV—VALUE OF FARM PRODUCTS IN

COUNTIES	1850	1860	1870		
			Total value of all farm products	Per square mile	Per acre, improved Per capita of country population
1 Aitkin.....			\$ 400	\$ 66.67	\$ 2.25
2 Anoka.....			123,215	14.61	50.46
3 Becker.....			3,243	12.14	10.53
4 Beltrami.....					
5 Benton.....					
6 Big Stone.....			37,765	14.79	33.55
7 Blue Earth.....			299	23.00	12.46
8 Breckenridge.....			1,415,075	13.83	112.34
9 Brown.....					
10 Buchanan.....			333,061	9.85	65.49
11 Carlton.....					
12 Carver.....					
13 Cass.....			867,331	25.47	80.76
14 Chippewa.....			1,770	23.92	4.66
15 Chisago.....			57,088	5.99	38.91
16 Clay.....			211,638	26.44	48.56
17 Clearwater.....			1,106	50.27	12.02
18 Cook.....					
19 Cottonwood.....					
20 Crow Wing.....			14,900	19.05	27.90
21 Dakota.....			6,362	16.74	31.81
22 Dodge.....			2,509,758	15.44	213.58
23 Douglas.....			1,017,813	13.65	143.63
24 Faribault.....			190,291	13.57	44.89
25 Fillmore.....			732,645	10.77	79.06
26 Freeborn.....			2,664,398	14.39	128.55
27 Goodhue.....			856,233	12.40	90.98
28 Grant.....			2,269,040	10.46	123.60
29 Hennepin.....			9,264	10.72	27.25
30 Houston.....			1,400,479	21.64	103.84
31 Hubbard.....			964,512	14.22	74.85
32 Isanti.....					
33 Itasca.....			95,477	12.54	46.92
34 Jackson.....					
35 Kanabec.....			90,650	16.83	49.67
36 Kandiyohi.....			700	14.00	
37 Kittson.....			45,720	7.38	25.98
38 Koochiching.....					
39 Lac qui Parle.....					
40 Lake.....			2,243	8.37	15.47
41 Le Sueur.....			3,500	31.53	25.93
42 Lincoln.....			907,789	24.37	85.73
43 Lyon.....					
44 McLeod.....					
45 Mahanomen.....			295,219	13.77	56.74
46 Mankato.....					
47 Manomin.....					
48 Marshall.....					
49 Martin.....					
50 Meeker.....			258,080	13.27	66.74
51 Mille Lacs.....			411,917	19.13	76.01
52 Monongalia.....			40,514	22.71	36.53
53 Morrison.....			160,828	9.26	50.88
54 Mower.....			62,383	17.84	37.11
55 Murray.....			949,145	14.49	112.89
56 Nicollet.....			6,400	15.50	30.62
57 Nobles.....			645,855	12.71	103.54
58 Norman.....					
59 Olmsted.....					
60 Otter Tail.....			2,877,800	14.25	184.58
61 Pembina.....			36,539	10.06	18.57
62 Pennington.....					
63 Pierce.....					
64 Pine.....					
65 Pipestone.....			1,900	42.22	2.93
66 Polk.....					
67 Pope.....					
68 Ramsey.....			161,386	12.76	60.00
69 Red Lake.....			514,884	50.36	168.54
70 Redwood.....					
71 Renville.....			17,417	16.22	9.52
72 Rice.....			96,043	9.87	29.16
73 Rock.....			1,291,392	13.53	124.98
74 Roseau.....			6,650	14.36	48.54
75 Saint Louis.....					
76 Scott.....					
77 Sherburne.....			673,973	14.26	73.29
			157,573	20.00	76.86

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MINNESOTA BY COUNTIES, 1850-1910

1880				1890				*1900				1910				Counties
Total value of all farm products	Per square mile	Per acre, improved	Per capita of country population	Total value of all farm products	Per square mile	Per acre, improved	Per capita of country population	Total value of all farm products	Per square mile	Per acre, improved	Per capita of country population	Total value of all farm products	Per square mile	Per acre, improved	Per capita of country population	
\$ 2,725	\$ 1.49	\$ 12.62	\$ 7.45	\$ 71,660	\$ 39.16	\$ 26.65	\$ 41.54	\$ 207,477	\$ 113.38	\$ 10.02	\$ 41.30	\$ 648,106	\$ 354.16	\$ 18.65	\$ 77.28	1
274,652	598.37	7.30	62.39	409,170	891.44	9.90	72.65	729,466	1,589.25	8.38	98.30	1,684,653	3,670.27	16.59	218.50	2
315,050	233.54	7.85	70.94	410,670	304.43	5.76	55.62	1,062,238	787.43	7.35	102.18	2,204,420	1,634.11	12.32	170.87	3
				1,560	.32	12.09	5.00	224,088	46.29	9.49	27.16	809,075	211.69	24.33	83.66	4
131,356	324.34	7.14	54.41	270,350	667.53	5.49	62.78	568,640	1,404.05	6.28	80.68	1,780,359	4,395.95	16.36	234.69	5
150,910	307.35	6.83	41.37	854,450	1,740.22	8.32	192.18	1,423,116	2,898.40	5.84	250.33	2,890,932	5,887.85	11.91	559.72	6
1,314,196	1,724.67	4.88	79.62	1,993,120	2,615.64	5.68	106.44	2,805,152	3,681.30	7.70	156.77	5,758,891	7,557.60	16.05	381.99	7
																8
542,706	886.77	3.87	64.74	1,478,260	2,415.46	6.14	150.12	1,962,215	3,206.23	6.26	181.23	4,107,704	6,711.93	13.35	410.36	9
																10
27,337	31.53	12.71	53.39	32,670	37.68	14.00	21.16	154,038	177.67	11.36	27.78	687,895	793.42	25.00	83.29	11
895,186	2,380.81	9.61	78.34	1,085,200	2,886.17	10.94	90.51	1,546,166	4,112.14	12.75	127.16	3,719,142	9,891.34	28.95	320.42	12
400	.51	.82	26.950	26,950		9.49	33.35	164,465	78.17	7.99	24.57	582,048	276.64	14.46	75.59	13
436,462	738.51	6.81	96.01	838,970	1,419.58	6.47	117.87	1,625,902	2,751.10	5.27	184.47	3,524,703	5,963.96	11.75	417.92	14
325,892	763.21	10.45	50.96	477,980	1,119.39	10.99	62.53	1,081,154	2,531.98	12.68	114.77	2,384,832	5,585.09	22.78	249.80	15
426,478	408.90	8.61	72.44	1,212,570	1,162.58	7.52	155.16	2,544,500	2,439.60	5.80	215.95	4,534,042	4,347.12	10.40	391.44	16
												613,630	602.19	15.13	105.45	17
675	.45	33.75	10.38	520	.35	14.86	5.31	8,747	5.84	26.75	10.80	70,690	47.19	45.08	72.06	18
256,649	401.01	3.69	50.42	708,712	1,107.36	5.70	113.32	1,745,332	2,727.08	5.11	197.10	3,502,555	5,472.74	10.34	394.43	19
20,386	14.86	44.90	149,750		11.34	47.55		367,463	347.65	10.16	54.63	812,029	768.24	15.62	110.35	20
1,688,545	2,818.94	7.31	135.02	1,322,100	2,207.18	5.58	117.97	2,163,589	3,612.00	7.94	183.70	4,527,530	7,558.48	17.43	402.48	21
1,129,086	2,566.16	5.82	128.04	858,270	1,950.61	4.47	97.76	1,519,532	3,453.48	6.92	163.51	3,166,948	7,197.61	13.98	379.28	22
582,831	899.43	8.15	77.47	1,084,540	1,673.67	9.15	95.65	1,507,509	2,326.40	7.85	111.62	3,349,021	5,168.24	15.24	275.98	23
1,086,955	1,511.76	4.82	111.27	1,788,955	2,488.12	5.65	154.71	2,606,911	3,625.75	6.62	199.38	5,151,868	7,165.32	13.41	440.93	24
2,330,539	2,684.95	6.45	103.60	1,808,480	2,083.50	5.06	88.13	3,062,713	3,528.47	7.87	155.14	6,689,440	7,706.73	17.09	407.94	25
1,535,804	2,089.53	6.00	111.32	1,190,720	1,620.03	4.34	83.31	2,699,917	3,673.36	7.87	172.66	5,270,283	7,170.45	16.03	361.28	26
2,921,177	3,808.57	8.39	136.63	1,743,855	2,273.60	4.80	90.11	3,027,194	3,946.80	8.08	159.50	5,922,553	7,721.71	16.45	340.32	27
245,064	443.15	7.52	86.90	978,330	1,769.13	8.37	161.57	1,303,708	2,357.52	5.88	186.94	2,728,751	4,934.45	10.60	427.77	28
1,590,168	2,814.46	11.14	81.53	1,672,615	2,960.38	11.79	105.71	3,012,397	5,331.68	15.25	157.13	6,448,744	11,413.71	33.99	344.93	29
1,133,737	1,989.01	7.79	84.86	822,960	1,443.79	5.29	69.94	1,630,451	2,860.44	9.60	133.61	3,456,792	6,064.55	19.86	330.10	30
				106,310		6.36	75.29	188,155	196.40	6.38	37.36	660,667	689.63	11.86	88.56	31
224,619	508.19	8.62	45.59	277,925	628.79	7.24	37.82	802,890	1,857.22	9.57	75.05	1,869,092	4,228.71	17.05	170.03	32
				5,340	.91	12.54	7.19	70,222	11.96	16.43	25.09	412,918	151.25	30.28	71.09	33
185,356	264.04	3.07	43.06	647,200	921.94	5.32	87.07	1,810,921	2,579.66	5.11	166.69	4,229,795	6,025.35	11.92	401.35	34
10,217	19.13	12.21	20.23	23,020	43.11	6.83	14.58	182,471	341.71	13.19	47.66	730,561	1,368.09	19.55	142.97	35
886,146	1,106.30	5.61	100.07	1,062,350	1,326.28	4.98	92.12	1,984,622	2,477.68	5.82	144.08	4,642,016	5,795.28	12.56	360.40	36
900	.32	.42	.99	554,139	199.26	4.72	108.98	1,415,082	1,773.70	6.88	212.16	2,772,234	2,495.26	9.65	363.62	37
												253,262	80.63	45.81	64.20	38
350,740	443.97	6.18	71.71	1,423,060	1,801.34	6.77	155.14	2,434,690	3,081.89	6.22	222.51	5,135,259	6,500.33	12.74	474.65	39
2,175	1.04	7.97	20.52	2,830	1.35	10.80	2.18	6,539	3.12	26.91	4.75	78,081	37.20	32.79	30.86	40
910,304	1,953.44	8.25	69.80	1,236,410	2,653.24	9.10	91.13	1,707,797	3,664.80	11.47	129.09	3,506,794	7,525.31	21.50	303.96	41
135,210	252.73	5.62	45.91	350,580	655.29	3.43	69.55	1,344,889	2,513.81	5.66	177.87	2,634,904	4,925.05	10.57	354.68	42
457,676	646.44	6.54	94.15	717,840	1,013.90	5.08	109.21	2,124,409	3,000.58	6.36	237.68	3,845,160	5,431.02	11.17	424.22	43
787,577	1,587.86	5.65	73.72	1,375,250	2,772.68	6.90	107.22	1,949,713	3,930.87	8.71	147.63	4,273,271	8,615.47	17.81	348.04	44
												188,975	330.38	7.83	85.01	45
																46
3,775	2.11	.74	3.81	797,930	446.27	5.10	100.86	1,887,997	1,055.93	5.54	144.34	3,761,550	2,103.78	9.88	295.21	47
346,800	482.34	6.26	75.77	872,590	1,213.62	5.88	112.71	1,968,386	2,737.67	5.13	165.61	5,055,179	7,030.85	13.42	441.38	48
832,608	1,340.75	6.19	84.12	1,470,900	2,368.60	9.56	119.30	1,955,417	3,148.82	7.57	140.14	4,806,993	7,740.73	17.77	373.33	49
37,510	64.34	5.60	41.04	90,820	155.78	8.31	67.88	304,518	522.33	9.70	57.67	1,177,145	2,019.12	24.30	156.33	50
																51
292,008	255.48	8.15	54.41	610,520	534.14	8.91	61.89	1,102,016	964.14	7.43	71.34	2,845,783	2,489.75	15.45	184.40	52
1,808,526	2,543.64	6.56	142.03	1,700,499	2,391.70	6.04	138.61	2,707,766	3,808.39	6.86	199.94	4,918,897	6,918.28	12.56	407.23	53
142,695	202.69	4.73	39.59	670,150	951.92	5.86	115.66	1,978,560	2,810.45	5.84	209.46	3,511,534	4,987.97	9.87	401.73	54
907,369	2,048.24	5.08	101.99	1,369,340	3,091.06	6.78	144.93	1,643,601	3,710.16	7.85	182.04	3,191,754	7,204.86	16.83	402.54	55
184,004	254.85	2.72	48.43	773,090	1,070.76	4.86	131.81	2,208,819	3,059.31	7.41	220.44	4,502,804	6,236.57	11.60	481.12	56
				917,390	640.64	5.02	91.78	1,402,436	979.35	4.43	107.93	3,259,145	3,789.70	10.35	326.31	57
2,360,672	3,544.55	7.32	156.39	1,708,960	2,566.01	5.49	128.67	2,559,762	3,843.49	7.82	180.93	5,144,936	7,725.13	16.27	413.21	58
1,137,832	558.03	8.63	66.77	2,370,220	1,162.44	7.62	83.38	3,541,557	1,736.91	7.01	100.78	7,767,686	3,809.56	13.11	239.21	59
																60
												1,410,149	2,323.14	10.31	271.30	61
																62
17,708	12.53	12.65	12.97	41,790	29.58	8.74	17.54	318,576	225.46	10.40	39.45	1,403,161	993.04	21.66	126.63	63
73,286	156.26	3.35	39.19	272,290	580.58	3.10	81.28	1,258,276	2,682.89	6.04	260.67	2,576,418	5,493.43	10.29	503.60	64
615,304	138.27	5.02	63.03	2,223,310	736.68	5.25	93.33	3,662,269	1,850.57	5.62	145.63	7,216,630	3,646.60	11.21	326.15	65
516,180	744.85	6.47	87.88	1,041,190	1,302.44	6.54	115.97	1,567,910	2,262.50	5.47	154.73	3,338,377	4,817.28	11.66	369.45	66
342,556	2,127.68	13.78	86.03	740,080	4,596.77	32.11	193.23	1,098,889	6,825.40	28.20	231.78	1,889,436	11,735.63	45.87	334.59	67
								717,978	691.03	4.91	93.84	836,389	1,936.09	10.84	179.18	68
302,304	343.14	4.63	73.88	957,860	1,087.24	6.46	127.41	2,356,769	2,675.11	5.						

APPENDIX

TABLE XXXV—VALUE OF FARM PRODUCTS IN

COUNTIES	1850		1860		1870	
					Total value of all farm products	Per square mile
78 Sibley.....					\$ 536,376	\$ 17.15
79 Stearns.....					789,885	14.31
80 Steele.....					546,701	11.45
81 Stevens.....					15,811	21.22
82 Swift.....						
83 Todd.....					71,672	19.05
84 Toombs.....						35.20
85 Traverse.....					1,009	50.00
86 Wabasha.....					2,139,397	15.67
87 Wadena.....					650	108.33
88 Wahnahtha.....						
89 Waseca.....					648,297	13.16
90 Washington.....					790,181	16.30
91 Watonwan.....					170,188	10.18
92 Wilkin.....					43,455	47.96
93 Winona.....					1,883,873	13.79
94 Wright.....					309,251	13.09
95 Yellow Medicine.....						
96 Indian Reservations						
Totals for the State					\$33,446,400	\$14.40
						\$102.06

TABLE XXXVI—AVERAGE SIZE, VALUE, AND TENURE OF

COUNTIES	1850				1860				1870			
	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners
1 Aitkin.....					140.8	\$ 182,885	\$ 6.46		153.5	\$ 500	\$ 1.63	
2 Anoka.....									137.8	421,379	9.05	
3 Becker.....									144.3	6,300	6.23	
4 Beltrami.....												
5 Benton.....		\$34,250			190.7	68,850	6.81		181.3	73,450	7.50	
6 Big Stone.....									4.3	65	5.00	
7 Blue Earth.....					148.8	309,271	4.37		142.1	5,133,375	18.39	
8 Breckenridge.....												
9 Brown.....					148.9	215,210	5.39		143.1	1,493,537	10.81	
10 Buchanan.....												
11 Carlton.....					160.0	3,800	5.93					
12 Carver.....					134.1	454,310	4.17		107.1	2,637,526	15.70	
13 Cass.....									112.0	850	3.79	
14 Chippewa.....									45.5	45,365	3.47	
15 Chisago.....					127.9	124,019	5.60		121.7	477,720	11.21	
16 Clay.....									212.5	1,598	1.88	
17 Clearwater.....												
18 Cook.....												
19 Cottonwood.....					160.0	2,600	8.13		148.3	43,600	6.84	
20 Crow Wing.....									134.8	5,950	8.83	
21 Dakota.....					151.9	1,228,387	8.56		148.4	5,226,820	19.97	
22 Dodge.....					182.1	441,070	5.61		135.6	2,933,717	19.42	
23 Douglas.....					180.2	13,000	3.61		170.8	589,050	5.27	
24 Faribault.....					184.4	112,400	7.09		162.8	2,916,985	12.15	
25 Fillmore.....					145.9	1,844,797	6.32		141.4	6,636,880	16.61	
26 Freeborn.....					168.6	293,646	4.82		143.8	3,077,225	13.62	
27 Goodhue.....					166.1	785,837	6.12		147.2	6,723,190	19.24	
28 Grant.....									182.0	40,835	3.74	
29 Hennepin.....					133.4	1,367,862	8.51		112.7	4,164,074	20.87	
30 Houston.....					144.6	990,598	10.74		132.0	2,706,140	16.84	
31 Hubbard.....												
32 Isanti.....					153.2	23,430	5.46		145.1	225,751	4.48	
33 Itasca.....												
34 Jackson.....					160.0	2,350	2.94		157.6	261,815	7.95	
35 Kanabec.....					253.8	4,500	4.43		120.0	1,000	8.33	
36 Kandiyohi.....						4,400	4.88		100.2	266,281	8.36	
37 Kittson.....												
38 Koochiching.....												
39 Lac qui Parle.....									11.7	1,355	5.06	

MINNESOTA BY COUNTIES, 1850-1910—Continued

1880				1890				1900				1910				Counties
Total value of all farm products	Per square mile	Per acre, improved	Per capita of country population	Total value of all farm products	Per square mile	Per acre, improved	Per capita of country population	Total value of all farm products	Per square mile	Per acre, improved	Per capita of country population	Total value of all farm products	Per square mile	Per acre, improved	Per capita of country population	
\$ 748,961	\$ 1,280.28	\$ 6.04	\$ 77.43	\$ 1,523,050	\$ 2,603.50	\$ 6.62	\$ 121.39	\$ 1,959,182	\$ 3,349.03	\$ 7.06	\$ 153.89	\$ 4,252,870	\$ 7,269.86	\$ 14.98	\$ 374.67	78
1,520,766	1,116.57	8.15	84.48	1,825,390	1,340.23	7.29	73.57	3,121,368	2,291.75	7.42	113.84	7,608,269	5,586.10	16.82	282.40	79
1,120,097	2,598.83	5.80	125.00	872,550	2,024.48	4.10	96.15	1,772,871	4,113.39	7.81	175.39	4,061,072	9,422.44	18.02	433.27	80
500,437	887.30	7.69	162.64	737,790	1,308.14	8.15	195.86	1,365,509	2,421.12	5.45	231.48	2,859,999	5,070.92	10.81	521.90	81
546,594	737.64	6.77	82.60	983,590	1,327.38	7.63	125.12	1,698,333	2,291.95	4.94	172.75	3,803,271	5,132.62	10.50	445.71	82
274,148	286.47	5.77	44.70	537,620	561.78	7.70	44.98	1,162,160	1,214.38	7.70	68.06	3,130,402	3,271.06	15.57	188.71	83
77,585	136.59	4.78	51.48	993,630	1,749.35	9.96	273.35	1,476,927	2,600.22	5.54	280.57	3,153,334	5,551.64	10.37	596.54	84
1,991,705	3,681.52	9.30	171.79	1,583,900	2,927.73	7.28	136.71	1,940,613	3,587.09	8.52	183.87	3,933,977	7,271.68	17.13	416.38	86
68,952	128.16	8.30	38.89	151,610	281.80	5.90	60.09	409,610	761.36	6.68	80.43	879,940	1,635.58	12.62	159.41	87
863,148	2,002.66	4.87	92.30	1,005,520	2,332.99	5.01	105.99	1,613,400	3,743.39	7.17	167.14	3,127,263	7,255.83	15.14	365.59	89
1,159,600	2,920.91	11.12	115.41	943,300	2,376.07	7.95	88.46	1,452,895	3,659.69	9.96	112.12	3,201,778	8,064.93	20.96	267.37	90
293,261	675.72	4.82	70.31	835,270	1,924.59	6.42	140.26	1,261,126	2,905.82	5.74	173.11	2,827,115	6,514.09	12.52	396.23	91
86,988	116.76	4.37	45.64	681,650	914.97	8.05	193.82	1,488,039	1,997.37	5.56	237.59	2,811,268	3,773.51	8.83	503.45	92
2,044,440	3,209.48	9.31	131.11	1,749,350	2,746.23	7.95	124.18	1,913,093	3,003.29	8.29	145.31	4,359,081	6,843.14	18.34	361.15	93
907,662	1,313.55	9.12	56.22	1,279,430	1,851.56	10.05	64.01	2,267,059	3,280.84	10.52	102.92	5,432,142	7,861.28	22.84	270.74	94
383,699	512.28	5.55	77.13	866,860	1,157.36	4.78	103.12	2,253,540	3,008.73	6.38	204.03	4,566,983	6,097.44	12.05	421.89	95
								118,013		4.74	53.11					96
\$49,468,951	\$611.80	\$6.83	\$91.07	\$71,238,230	\$881.03	\$6.40	\$100.60	\$127,959,824	\$1,582.53	\$6.98	\$143.73	\$278,052,215	\$3,438.77	\$14.15	\$309.45	

FARMS IN MINNESOTA BY COUNTIES, 1850-1910

1880				1890				1900				1910				Counties
Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	
142.2	\$ 12,500	\$ 6.76	100.0	160.1	\$ 158,950	\$ 6.57	98.0	146.8	\$ 862,630	\$ 7.65	96.1	130.4	\$ 3,161,916	\$ 17.99	93.0	1
122.8	996,072	9.94	94.0	180.7	5,685,780	32.64	85.3	128.8	3,459,430	19.80	82.5	140.6	8,045,837	39.62	86.3	2
152.1	1,035,705	9.09	98.0	164.0	2,047,310	10.32	93.4	156.6	4,187,660	13.73	92.3	171.2	9,752,482	27.47	86.6	3
				156.8	38,850	4.43	100.0	150.2	1,112,410	5.96	98.8	141.9	2,821,703	12.61	94.6	4
154.4	421,695	6.07	96.7	142.0	1,579,500	14.34	91.8	141.2	3,209,050	17.83	92.1	152.6	6,916,127	35.43	89.4	5
200.2	488,875	4.61	98.7	221.1	1,813,580	10.42	91.2	265.3	5,255,560	18.98	79.6	294.4	12,406,575	43.85	65.7	6
132.3	6,405,200	17.64	83.2	134.4	9,761,590	24.01	81.9	141.4	19,187,070	42.58	76.7	152.6	28,211,078	62.85	72.4	7
136.3	2,414,775	12.17	87.5	182.4	5,232,354	17.58	87.4	200.7	11,559,780	31.02	76.6	202.2	17,928,894	49.08	70.8	8
155.4	85,720	6.34	98.9	149.6	165,920	11.31	95.9	110.9	748,600	11.16	95.5	100.8	3,164,396	26.26	95.2	9
112.1	4,021,855	20.26	93.7	113.1	6,882,376	33.03	91.3	109.8	7,845,820	36.18	86.8	108.6	17,704,035	81.82	83.9	10
159.8	17,555	1.64	100.0	169.2	113,150	7.78	100.0	156.6	647,340	6.19	94.8	155.1	2,523,967	17.16	90.5	11
100.4	1,147,395	11.05	90.5	193.0	2,650,580	12.30	85.0	202.9	7,657,420	22.37	81.4	228.0	14,944,592	43.73	69.0	13
101.7	1,171,426	11.29	97.3	105.4	2,563,630	17.66	94.3	109.1	4,793,950	22.32	92.0	112.6	10,398,497	46.06	91.3	14
221.0	1,489,746	9.47	97.6	214.5	3,321,940	11.79	89.7	274.1	9,991,970	18.28	85.7	165.5	20,514,786	38.60	74.7	15
												165.5	2,598,659	14.88	94.9	16
166.0	2,200	6.63	100.0	149.5	25,400	21.24	100.0	153.4	56,450	10.22	100.0	162.8	334,765	14.08	98.6	17
158.4	1,797,370	10.49	93.5	182.2	2,806,430	13.49	89.8	236.4	9,751,270	26.30	78.7	235.1	18,612,878	50.10	65.8	18
187.5	33,825	8.59	100.0	144.5	666,330	7.38	95.8	137.4	1,503,890	8.82	91.1	147.0	4,011,455	23.77	87.9	19
149.5	7,355,145	24.88	86.0	155.2	10,979,960	37.63	76.0	154.4	10,026,675	30.17	71.4	152.5	19,804,890	60.05	74.0	20
140.5	4,842,931	21.40	82.4	148.6	4,357,020	19.64	72.8	156.9	8,082,780	31.21	70.0	165.0	14,605,108	55.77	67.4	21
160.4	1,816,813	8.26	94.6	157.3	4,068,350	13.26	94.2	144.7	6,964,060	19.99	86.7	156.5	13,868,988	39.14	88.1	22
179.5	3,464,096	11.09	82.6	182.5	7,999,898	21.57	82.0	198.0	19,109,110	43.23	75.0	202.7	28,270,676	65.22	66.8	23
140.9	9,535,815	19.25	87.5	145.1	9,935,202	20.93	83.7	149.9	17,042,320	32.69	76.3	161.5	30,717,736	59.21	72.1	24
129.2	5,486,571	15.68	87.5	150.2	5,960,245	16.18	85.3	162.3	14,545,150	33.30	76.1	167.0	23,657,024	57.18	71.6	25
149.5	11,655,376	27.22	86.7	149.0	10,659,610	23.86	78.7	146.4	15,368,790	32.70	73.8	152.0	27,533,479	59.59	68.0	26
202.3	6,771,510	6.81	94.7	197.2	2,709,880	13.28	91.9	228.1	5,121,390	18.03	82.4	250.2	11,636,890	39.25	73.6	27
96.7	8,017,191	31.23	89.9	91.1	16,958,864	66.94	84.0	80.6	17,680,150	59.52	75.4	73.8	30,916,803	108.72	80.0	28
139.2	3,933,482	13.85	89.2	143.6	4,418,569	15.74	83.8	155.9	8,195,010	24.68	81.5	171.1	14,012,152	42.84	79.2	29
				180.4	323,560	9.24	86.1	154.7	822,870	8.30	92.7	180.3	2,671,660	17.58	90.9	30
108.2	767,680	10.31	98.7	109.4	1,367,450	9.32	94.6	108.4	3,531,030	15.94	90.8	115.2	7,630,082	32.11	89.9	31
				129.3	22,800	9.80	88.9	127.4	266,360	9.64	90.3	130.6	1,865,665	17.21	95.2	32
143.3	1,001,225	8.59	92.6	159.9	3,173,595	14.75	83.2	207.3	12,017,630	29.75	72.5	215.8	22,838,506	55.52	63.3	33
133.5	35,754	4.12	96.9	95.1	223,420	10.93	96.7	170.2	1,267,740	9.95	96.1	114.4	3,970,268	34.12	92.6	34
153.4	2,240,939	9.52	93.2	158.7	4,552,260	14.65	91.1	195.6	9,902,320	22.35	80.0	207.1	19,180,413	41.40	73.8	35
186.5	88,143	3.69	99.2	261.4	2,285,955	9.88	97.7	268.3	5,342,940	15.73	91.5	307.5	11,542,577	31.02	85.6	36
												165.0	912,920	12.46	98.2	37
176.0	1,350,834	6.51	97.6	206.4	4,145,300	12.96	92.5	233.1	10,899,910	23.97	76.2	249.1	22,747,997	49.02	65.5	38

TABLE XXXVI—AVERAGE SIZE, VALUE, AND TENURE OF

COUNTIES	1850				1860				1870			
	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners
40 Lake												
41 Le Sueur					143.6	\$ 575,465	\$ 4.53		211.0	\$ 16,000	\$ 25.28	
42 Lincoln									114.5	2,614,215	14.87	
43 Lyon												
44 McLeod					184.2	99,815	3.96		146.4	1,107,763	8.03	
45 Mahanomen												
46 Mankabta												
47 Manomin					132.6	62,060	29.25					
48 Marshall												
49 Martin					158.3	5,800	4.58		161.3	1,073,755	9.52	
50 Meeker					154.1	75,710	3.90		129.4	1,136,505	9.42	
51 Mille Lacs					217.2	4,090	3.14		158.6	86,410	5.99	
52 Monongalia					112.1	7,500	3.18		145.6	495,995	5.85	
53 Morrison					153.5	56,800	6.98		136.6	107,221	6.23	
54 Mower					164.5	234,030	6.44		137.7	2,674,775	16.69	
55 Murray					160.0	1,500	3.13		160.5	15,100	6.27	
56 Nicollet					153.4	502,885	7.66		137.0	1,907,475	14.23	
57 Nobles												
58 Norman												
59 Olmsted					141.5	1,453,690	7.97		148.0	7,308,111	21.77	
60 Otter Tail					202.0	17,550	7.24		123.2	151,281	4.65	
61 Pembina		\$ 4,400										
62 Pennington												
63 Pierce												
64 Pine					142.4	4,500	4.51		85.0	5,000	29.41	
65 Pipestone												
66 Polk					356.7	16,000	7.48					
67 Pope									167.1	493,833	5.32	
68 Ramsey		32,270			91.0	509,710	28.57		98.8	1,083,950	45.13	
69 Red Lake												
70 Redwood									202.4	48,600	10.44	
71 Renville					322.0	24,660	3.19		146.1	343,490	4.59	
72 Rice					169.6	985,955	7.23		132.1	3,584,355	17.28	
73 Rock									162.8	10,700	3.46	
74 Roseau												
75 Saint Louis					147.4	21,100	8.42					
76 Scott					131.3	694,230	8.61		117.1	2,204,115	14.37	
77 Sherburne					208.4	126,631	5.52		176.2	486,950	9.90	
78 Sibley					145.3	284,700	3.31		135.7	1,468,800	9.68	
79 Stearns					163.5	627,000	5.41		170.5	2,740,575	8.04	
80 Steele					175.5	332,150	5.74		142.5	1,974,300	16.68	
81 Stevens									151.7	37,300	5.23	
82 Swift												
83 Todd					383.2	55,200	4.12		179.6	219,370	6.94	
84 Toombs												
85 Traverse									160.0	400	1.25	
86 Wabasha		8,100			159.9	1,144,595	8.82		146.2	5,997,080	21.78	
87 Wadena									136.0	250	1.84	
88 Wahnahita		5,064										
89 Waseca					165.8	160,180	5.06		141.5	1,995,036	13.69	
90 Washington		77,864			131.6	702,615	11.86		154.5	2,681,780	25.56	
91 Watonwan									133.2	617,350	11.39	
92 Wilkin									134.5	23,003	2.54	
93 Winona					149.4	9,820,187	86.59		133.3	5,893,010	21.71	
94 Wright					147.4	425,792	4.48		125.5	1,131,256	11.17	
95 Yellow Medicine												
96 Indian Reservations												
Totals for the State..		\$161,948	\$5.61		150.7	\$27,505,922	\$10.14		139.4	\$97,847,442	\$ 15.09	

APPENDIX

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FARMS IN MINNESOTA BY COUNTIES, 1850-1910—Continued

1880				1890				1900				1910				Counties
Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	Average size, acres	Value of land and buildings	Average value per acre of land and buildings	% worked by owners	
536.5	\$ 2,850	\$ 1.33	100.0	196.0	\$ 17,400	\$ 14.80	100.0	128.2	\$ 25,500	\$ 10.47	100.0	106.1	\$ 388,765	\$ 17.45	94.8	40
102.3	4,017,150	18.09	90.0	128.7	6,478,730	23.75	87.1	116.7	9,620,950	33.34	84.4	118.1	17,499,195	66.80	83.6	41
179.4	632,515	5.16	96.3	171.5	1,767,910	9.86	88.6	224.1	6,520,030	21.71	84.3	234.8	13,471,887	44.01	71.9	42
164.6	1,640,623	9.02	92.9	211.3	3,269,473	12.92	86.7	244.1	9,964,950	25.01	74.8	238.7	19,806,261	49.33	62.7	43
124.0	2,900,190	13.42	93.0	131.1	6,570,970	24.22	89.5	129.4	10,682,210	35.36	86.1	131.8	19,903,950	66.58	83.4	44
												169.3	989,905	23.57	79.0	45
																46
																47
234.0	169,150	3.61	99.0	213.7	2,874,679	8.78	92.6	220.5	6,662,030	12.26	90.9	267.7	14,081,313	24.80	86.6	48
162.8	1,647,863	10.67	85.9	173.7	4,246,018	16.35	78.9	196.8	13,954,630	32.61	70.3	196.1	26,287,282	61.46	64.1	49
124.1	3,076,745	14.00	91.6	138.4	6,033,820	20.01	90.4	137.8	10,004,210	28.91	84.9	152.8	18,105,691	50.51	80.0	50
185.8	144,500	7.48	97.1	167.3	310,100	10.30	93.9	93.6	1,678,090	17.54	93.0	96.8	4,567,956	36.94	90.5	51
																52
146.2	1,043,242	8.33	97.3	136.2	2,613,810	12.48	93.4	138.3	4,932,620	14.87	92.2	142.9	11,334,897	30.25	90.5	53
152.3	6,638,617	19.25	83.4	170.7	7,230,760	19.70	78.9	176.9	17,571,170	40.59	73.8	179.6	26,936,721	62.87	70.6	54
156.3	782,340	7.02	92.8	177.7	2,357,040	12.63	86.9	224.8	10,620,220	27.58	71.9	244.5	20,242,134	50.47	64.9	55
155.6	3,191,221	14.59	88.0	177.4	5,909,258	22.87	82.1	187.3	8,630,170	31.69	74.3	185.4	13,387,912	51.06	67.0	56
173.2	1,271,355	8.96	93.4	198.1	3,563,280	15.35	79.7	240.0	12,662,110	30.13	64.0	229.9	26,240,715	62.75	53.5	57
				190.3	3,320,280	10.27	91.4	221.4	8,003,010	18.66	87.5	253.2	13,996,985	33.44	78.5	58
251.1	9,433,926	24.36	83.1	163.9	8,677,600	23.55	75.5	159.9	16,276,920	40.10	73.8	170.4	23,041,201	58.54	70.8	59
150.6	3,650,223	7.73	97.5	148.5	8,511,465	11.88	91.1	151.7	15,521,600	16.43	88.5	171.7	31,883,306	31.99	85.7	60
												207.0	5,128,728	19.92	87.8	61
																62
																63
113.5	64,775	10.57	88.9	118.2	300,330	9.73	98.5	104.8	1,827,320	12.31	96.0	111.7	6,234,866	27.03	94.0	64
61.6	484,720	5.39	90.7	196.8	1,592,110	13.20	77.3	242.4	6,283,720	26.01	58.7	254.0	14,941,735	55.76	52.2	65
215.4	3,189,394	8.45	98.7	193.2	9,085,270	10.21	92.7	224.3	16,054,900	16.50	88.5	252.2	29,738,082	33.46	81.1	66
168.1	1,359,562	7.90	95.3	190.4	3,386,252	11.48	94.8	202.4	6,262,600	16.53	86.2	226.4	13,032,141	34.91	80.1	67
79.4	2,151,715	50.79	84.6	82.8	8,424,800	196.11	75.9	65.9	5,046,190	83.02	65.0	56.7	8,751,165	144.54	78.1	68
								186.5	2,554,830	9.89	90.9	238.0	3,006,651	23.98	81.2	69
189.6	1,447,926	8.15	89.0	191.9	3,630,586	13.98	87.0	216.6	14,170,310	27.86	77.3	228.2	26,259,980	49.78	65.7	70
130.2	2,472,493	10.68	93.5	176.6	6,862,455	15.36	90.6	194.0	15,921,600	27.23	77.8	205.4	28,853,443	48.92	70.2	71
118.3	6,001,613	21.74	91.0	111.6	7,198,310	26.06	87.2	114.3	12,284,210	40.21	84.8	125.2	19,504,914	65.47	81.0	72
216.6	1,463,930	9.38	89.2	216.4	3,412,250	16.94	67.7	246.7	9,142,400	31.70	48.6	239.3	22,252,685	77.17	42.5	73
								163.9	1,704,020	7.20	98.5	196.7	4,819,868	15.30	93.6	74
99.7	182,780	14.10	97.7	108.1	1,072,040	30.42	94.8	86.1	916,340	15.29	91.7	110.7	5,768,299	21.13	95.6	75
128.3	3,856,733	19.98	91.9	128.7	4,879,310	25.18	85.9	129.9	7,448,660	34.77	83.2	136.8	12,557,580	60.41	79.5	76
150.8	743,739	8.23	92.8	166.9	1,800,374	13.92	83.7	169.9	2,635,300	14.71	83.7	171.9	6,166,413	30.15	82.7	77
134.5	2,887,906	13.60	91.8	164.2	7,386,880	22.66	91.7	164.4	11,382,580	31.81	83.1	173.9	18,919,439	52.96	76.5	78
157.3	4,899,008	10.79	93.0	168.2	9,859,330	16.36	89.4	164.4	15,641,300	21.39	83.2	178.9	29,107,101	38.24	83.5	79
151.4	4,613,254	18.96	91.5	149.0	4,404,262	18.58	87.2	146.2	11,224,240	42.62	82.8	143.9	16,011,755	60.98	79.9	80
232.9	1,363,320	8.87	96.8	262.2	1,947,738	10.58	91.3	270.0	5,574,770	17.86	84.0	300.4	11,973,590	39.27	65.4	81
170.1	1,795,566	8.08	97.2	194.0	2,911,310	10.98	92.4	231.2	8,011,240	19.31	82.5	265.9	15,602,438	38.18	73.5	82
139.0	981,390	6.73	92.7	126.0	2,469,480	10.97	91.8	120.6	7,120,370	19.46	88.8	141.7	13,300,865	31.35	86.1	83
																84
251.3	492,523	4.95	99.0	234.2	2,142,070	11.22	90.9	296.2	6,106,620	18.98	76.4	337.1	14,265,832	44.92	60.4	85
152.7	6,700,535	22.12	84.8	165.5	6,167,640	21.08	77.0	169.3	10,398,870	32.04	77.6	179.6	16,800,715	52.36	72.6	86
149.5	305,050	7.88	98.5	158.4	635,650	9.98	93.5	142.8	1,599,520	11.31	89.8	158.0	3,848,829	24.26	87.5	87
																88
145.8	4,062,241	18.16	87.3	147.8	5,323,830	22.35	84.3	157.0	10,891,680	41.50	79.4	163.6	14,929,925	58.24	77.2	89
127.3	4,452,498	26.23	91.7	119.8	7,172,860	38.52	89.1	116.6	7,829,560	36.44	82.3	116.5	14,019,332	61.95	81.5	90
108.6	1,148,792	12.84	92.0	183.6	3,670,280	19.24	87.7	198.2	8,232,390	32.18	74.1	198.3	14,041,160	55.79	68.1	91
274.5	633,010	6.61	97.1	261.0	1,791,094	11.61	91.4	285.6	6,206,630	19.46	78.6	340.8	13,914,965	41.42	61.3	92
140.0	7,303,606	21.79	86.1	164.6	7,732,670	22.87	78.9	157.5	12,495,170	33.62	78.5	174.8	19,142,981	51.15	74.5	93
93.8	3,445,187	13.52	92.6	92.2	7,549,371	23.26	89.5	96.2	11,908,010	31.01	86.3	104.7	23,658,273	59.25	85.3	94
175.4	1,167,065	6.53	97.6	199.2	3,842,717	13.23	90.3	226.3	10,367,590	24.47	82.2	245.8	21,285,124	47.12	69.6	95
								251.4	932,420	10.66	80.2					96
145.1	\$193,724,260	\$14.45	90.9	159.7	\$340,059,470	\$18.22	87.1	169.7	\$669,522,315	\$25.51	82.0	177.3	\$1,262,441,426	\$45.62	78.2	

TABLE XXXVII—FARM SIZES AND VALUES BY GROUPS AND KINDS OF PROPERTY FOR THE STATE AS A WHOLE, 1850-1910

ITEMS	1850	1860	1870	1880	1890	1900	1910
I. Number of farms.....	157	*17,999	46,500	92,386	116,851	154,659	156,137
Per cent of increase.....		11,364.3%	158.4%	98.7%	26.5%	32.4%	1.0%
II. Farms by sizes							
Under 20 acres; number.....		6,946	12,154	1,592	2,022	4,803	5,619
Per cent of total.....		38.6%	26.1%	1.7%	1.7%	3.1%	3.6%
Per cent of change.....			75.0%	-86.9%	27.0%	137.5%	17.0%
20-99 acres; number.....		10,402	29,177	33,533	35,905	44,268	38,599
Per cent of total.....		57.8%	62.8%	36.3%	30.7%	28.6%	24.7%
Per cent of change.....			180.5%	14.9%	7.1%	23.3%	-12.8%
100-174 acres; number.....						56,785	55,424
Per cent of total.....						36.7%	35.5%
Per cent of change.....							-2.4%
175-499 acres; number.....		649	5,039	56,375	77,048	45,473	52,836
Per cent of total.....		3.6%	10.8%	61.0%	65.9%	29.4%	33.8%
Per cent of change.....			676.4%	1,018.8%	36.7%	132.7%	16.2%
500-999 acres; number.....		2	128	741	1,594	2,965	3,359
Per cent of total.....		†	0.3%	0.8%	1.4%	1.9%	2.2%
Per cent of change.....			6,300.0%	478.9%	115.1%	86.0%	13.3%
1000 acres and over; number.....			2	145	282	365	300
Per cent of total.....			†	0.2%	0.3%	0.3%	0.2%
Per cent of change.....				7,150.0%	94.5%	29.4%	-17.8%
Average size; total acres.....	184.0	150.7	139.4	145.1	159.7	169.7	177.3
Per cent of change.....		-18.1%	-7.5%	4.1%	10.1%	6.3%	4.5%
Average size; improved acres.....	32.1	30.9	49.9	78.4	95.2	118.6	125.8
Per cent of change.....		-3.7%	61.5%	57.1%	21.4%	24.6%	6.1%
III. Value of all farm property, dollars.....	\$270,788	\$32,166,946	\$124,687,403	\$238,718,864	\$414,701,626	\$788,684,642	\$1,476,411,737
Per cent of increase.....		11,779.0%	287.6%	91.5%	73.7%	90.2%	87.2%
Land alone; value.....						559,301,900	1,019,102,027
Per cent of total value.....						70.9%	69.0%
Per cent of change in value.....							70.9%
Buildings.....	161,948	27,505,922	97,847,442	193,724,260	340,059,470	110,220,415	243,339,399
Per cent of total value.....	59.8%	85.5%	78.5%	81.2%	82.0%	14.0%	16.5%
Per cent of change.....		16,884.4%	255.7%	98.0%	75.5%	896.9%	120.8%
Implements.....	15,981	1,018,183	6,721,120	13,089,783	16,916,473	30,099,230	52,329,165
Per cent of total value.....	5.9%	3.2%	5.4%	5.5%	4.1%	3.8%	3.5%
Per cent of change.....		6,271.2%	580.1%	94.8%	29.2%	77.9%	73.9%
Live stock.....	92,859	3,642,841	20,118,841	31,904,821	57,725,683	89,053,097	161,641,146
Per cent of total value.....	34.3%	11.3%	16.1%	13.3%	13.9%	11.3%	11.0%
Per cent of change.....		3,823.0%	452.3%	58.6%	80.9%	54.3%	81.5%
IV. Average value of farms per acre.....	\$9.38	\$11.86	\$19.23	\$17.81	\$22.22	\$30.05	\$53.35
Per cent of change.....		26.4%	62.1%	-7.4%	24.8%	35.2%	77.5%
Land alone.....						21.31	36.82
Per cent of change.....							72.8%
Buildings.....	5.61	10.14	15.09	14.45	18.22	4.20	8.80
Per cent of change.....		80.7%	48.8%	-4.3%	36.1%	140.0%	109.5%
Implements.....	0.55	0.38	1.04	0.98	0.91	1.15	1.89
Per cent of change.....		-30.9%	173.7%	-5.8%	-7.2%	26.4%	64.3%
Live stock.....	3.22	1.34	3.10	2.38	3.09	3.39	5.84
Per cent of change.....		-58.4%	131.3%	-23.2%	29.8%	9.7%	72.3%
V. Farm ownership							
Operated by owners.....				83,933	101,747	126,809	122,104
Per cent of total.....				90.9%	87.1%	82.0%	78.2%
Per cent of change.....					21.2%	24.6%	-3.7%
Operated by tenants.....				8,453	15,104	26,755	32,811
Per cent of total.....				9.1%	12.9%	17.3%	21.0%
Per cent of change.....					78.7%	77.1%	22.6%
Operated by managers.....						1,095	1,222
Per cent of total.....						0.7%	0.8%
Per cent of change.....							11.6%

*Total as taken from returns by counties, and not total for state as given in Census Report.

† Less than one-tenth of one per cent.

‡ Applies to the total number of farms between 100 and 499 acres.

§ Applies to the total value of land and buildings.

APPENDIX

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TABLE XXXVIII—NUMBER AND VALUE OF LIVE STOCK IN MINNESOTA BY COUNTIES, 1850-1910

COUNTIES	1850		1860		1870		1880		1890		1900		1910	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
Aitkin.....					6	330	185	3,470	1,789	59,130	8,522	210,367	16,752	473,484
Anoka.....			2,292	44,062	5,920	138,944	12,637	217,329	17,404	409,880	24,846	518,645	26,112	1,017,421
Becker.....					118	4,360	9,933	268,649	22,062	498,531	34,860	776,486	44,041	1,456,969
Beltrami.....									388	10,780	8,788	216,449	12,427	391,307
Benton.....	347	\$11,925	593	9,295	1,084	30,138	6,513	118,932	14,389	281,955	25,879	485,863	37,324	1,119,317
Big Stone.....					58	1,670	3,723	128,248	16,680	471,790	26,450	612,457	37,807	1,348,896
Blue Earth.....			6,232	65,316	28,572	886,048	57,916	1,102,247	84,989	1,474,821	104,168	2,052,094	113,449	3,227,831
Breckenridge.....														
Brown.....			3,642	46,522	9,812	318,060	28,736	553,821	51,566	818,770	63,722	1,302,136	78,071	3,232,304
Buchanan.....														
Carlton.....			31	800			435	18,210	861	20,790	6,484	152,488	12,474	422,503
Carver.....			10,827	110,912	27,666	513,100	35,786	500,288	48,358	681,812	63,549	1,088,919	71,500	1,923,818
Cass.....					27	1,360	192	9,250	1,185	25,950	7,041	163,806	14,301	383,562
Chippewa.....					2,896	90,804	10,387	262,099	26,807	658,110	50,141	969,627	56,474	1,759,354
Chisago.....			2,846	27,153	5,589	163,325	15,509	255,826	23,606	409,330	37,418	796,296	40,160	1,344,671
Clay.....					49	2,085	7,880	317,270	33,091	771,715	45,475	1,349,664	47,704	2,353,744
Clearwater.....													15,077	401,645
Cook.....							5	320	17	420	195	5,338	392	24,738
Cottonwood.....			21	340	361	12,420	19,898	375,721	50,179	679,536	62,400	1,114,378	87,237	2,291,707
Crow Wing.....					218	9,075	401	10,645	5,836	145,620	15,257	338,981	19,317	531,583
Dakota.....			13,493	202,177	25,227	1,014,741	34,574	856,449	62,868	1,192,130	57,397	1,271,751	65,002	2,136,378
Dodge.....			6,397	101,452	19,512	577,198	27,272	718,639	55,694	863,440	76,999	1,201,699	81,440	2,163,393
Douglas.....			225	5,060	5,516	168,758	23,128	384,356	35,405	628,535	49,300	919,429	59,415	1,738,842
Faribault.....			1,590	29,164	18,723	587,898	55,743	778,882	91,402	1,295,240	107,288	1,901,347	110,628	3,117,811
Fillmore.....			28,121	429,091	46,636	1,409,805	76,673	1,372,551	121,072	1,789,035	178,388	2,581,696	169,469	4,327,856
Freeborn.....			4,348	69,607	23,391	665,956	42,390	878,974	92,694	1,156,910	129,157	2,208,584	127,943	3,279,323
Goodhue.....			10,335	172,918	35,368	1,331,058	48,927	1,318,611	96,246	1,581,210	101,086	1,980,402	104,830	3,507,509
Grant.....					534	16,924	7,340	193,810	23,274	650,840	33,141	669,585	36,598	1,330,714
Hennepin.....			17,572	235,715	27,084	862,159	41,823	780,971	51,571	1,092,740	70,379	1,638,754	72,246	2,809,233
Houston.....			9,454	141,801	22,122	518,650	54,733	688,368	84,070	982,192	101,766	1,349,303	103,016	2,178,443
Hubbard.....									2,505	70,160	5,491	135,242	10,732	347,979
Isanti.....			356	5,460	3,404	85,921	11,530	189,811	20,882	279,500	28,705	571,821	30,254	1,042,109
Itasca.....	102	995							123	7,110	1,887	54,306	5,692	237,801
Jackson.....			49	725	2,118	59,576	17,120	265,349	49,625	734,896	90,893	1,536,034	102,012	2,655,637
Kanabec.....			102	2,550	17	600	578	11,856	2,486	34,640	12,211	196,880	18,540	545,934
Kandiyohi.....			87	1,179	2,566	77,733	29,608	594,470	48,645	917,840	65,028	1,325,587	78,869	2,544,120
Kittson.....							634	23,075	15,764	487,537	26,510	838,022	33,100	1,519,248
Koochiching.....													1,603	84,191
Lac qui Parle.....					241	8,655	10,543	313,872	38,232	917,055	59,291	1,339,995	73,523	2,430,087
Lake.....					44	1,450	112	1,925	101	1,610	150	4,483	826	37,385
Le Sueur.....			15,913	130,712	27,275	574,377	40,593	573,851	53,073	795,780	61,498	1,069,550	69,543	1,872,189
Lincoln.....							5,887	145,394	24,020	419,120	51,314	799,030	55,240	1,635,036
Lyon.....							14,976	375,651	37,151	727,973	74,996	1,282,914	80,331	2,390,874
McLeod.....			1,375	25,217	13,719	290,165	31,046	538,825	45,557	840,270	62,122	1,286,106	76,785	2,301,595
Mahnomen.....													4,217	180,012
Mankato.....														
Manomin.....			195	5,210			1,031	51,457	27,084	671,465	57,363	1,320,559	59,301	2,012,692
Marshall.....														
Martin.....			86	1,410	6,150	239,240	35,091	446,014	68,216	1,008,770	96,510	1,642,804	115,583	3,144,244
Meeker.....			1,378	22,664	12,329	263,249	26,263	568,888	39,714	888,400	57,873	1,338,073	75,484	2,547,820
Mille Lacs.....			69	1,380	1,142	33,869	2,070	47,375	4,515	79,040	14,565	310,415	25,133	773,356
Monongalia.....			223	3,500	7,064	167,018								
Morrison.....			1,201	12,680	2,458	56,116	9,752	226,487	25,997	504,080	44,769	880,862	63,946	1,731,306
Mower.....			3,155	50,505	15,420	516,132	39,080	937,408	72,151	1,221,460	121,196	2,042,920	105,810	3,289,417
Murray.....			31	325	268	5,850	8,253	187,000	26,677	574,430	90,582	1,274,033	93,879	2,440,877
Nicollet.....			5,214	96,433	12,868	365,841	33,490	685,550	54,767	3,369,190	60,497	1,107,243	56,731	1,777,206
Nobles.....							17,868	275,583	43,686	731,290	102,091	1,395,237	119,436	2,984,123
Norman.....									32,823	751,490	46,098	1,138,978	47,880	1,715,141
Olmsted.....			19,665	257,306	35,947	1,362,321	50,529	1,109,918	99,298	1,381,990	121,675	1,946,401	135,562	3,141,877
Otter Tail.....			108	3,630	2,749	54,853	36,819	911,770	78,123	1,700,225	112,930	2,361,082	145,064	4,314,146
Pembina.....	945	45,295											30,139	887,395
Pennington.....														
Pierce.....														
Pine.....			50	1,155	73	2,050	408	9,646	2,690	56,005	17,209	342,360	32,122	904,663
Pipestone.....							3,025	94,994	13,607	304,430	49,317	728,088	72,663	1,553,436
Polk.....			139	5,450			12,653	549,002	76,214	1,838,973	91,686	2,435,827	95,989	3,704,380
Pope.....					5,212	113,372	18,706	437,484	37,835	778,720	46,765	986,769	50,061	1,730,764
Ramsey.....	327	5,005	2,607	61,915	4,367	164,037	6,805	177,161	8,987	494,450	15,728	416,683	16,742	711,008
Red Lake.....											29,955	624,011	16,944	530,186
Redwood.....					601	15,473	17,054	318,757	46,269	844,850	79,047	1,682,705	95,420	2,890,745
Renville.....			441	10,698	4,294	116,999	29,369	656,728	63,188	1,313,665	91,332	1,852,756	109,778	3,436,289
Rice.....			13,646	179,817	30,916	777,420	40,610	776,124	64,919	1,132,590	78,283	1,394,181	81,458	2,435,138
Rock.....					153	6,075	11,117	286,059	39,370	661,570	89,874	1,176,185	96,410	2,401,313
Roseau.....											19,303	406,590	33,306	954,641
Saint Louis.....			54	2,560			1,222	29,600	1,996	64,265	5,881	183,291	16,991	726,394
Scott.....			8,643	124,232	23,867	516,568	28,090	471,435	39,554	623,940	55,047	978,207	54,374	1,490,852
Sherburne.....			1,223	26,913	4,301	129,560	12,171	226,325	20,888	436,090	30,027	621,848	28,264	898,958

APPENDIX

TABLE XXXVIII—NUMBER AND VALUE OF LIVE STOCK IN MINNESOTA BY COUNTIES, 1850-1910—Continued

COUNTIES	1850		1860		1870		1880		1890		1900		1910	
	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value	Number	Value
Sibley.....			6,734	\$ 82,501	18,878	\$ 412,565	34,418	\$ 556,371	55,074	\$ 449,290	69,744	\$ 1,265,766	79,005	\$ 2,201,733
Stearns.....			7,845	118,243	27,768	603,931	53,318	1,031,789	75,149	1,504,430	117,760	2,187,966	142,167	3,959,713
Steele.....			4,108	73,511	13,438	375,185	29,190	660,764	52,872	784,180	76,809	1,334,578	78,074	2,221,557
Stevens.....					383	9,840	4,831	231,354	17,573	446,900	34,950	733,221	41,655	1,215,506
Swift.....							13,833	383,356	32,235	712,040	47,258	1,024,257	51,916	878,466
Todd.....			396	10,920	1,777	52,171	13,387	265,486	28,376	511,165	51,135	918,375	69,390	1,890,903
Toombs.....														
Traverse.....					4	200	1,740	97,477	12,384	424,955	23,211	622,749	32,942	1,442,052
Wabasha.....	624	\$ 1,585	9,165	221,850	28,273	989,948	29,747	703,153	74,303	977,150	78,524	1,239,807	85,353	2,170,305
Wadena.....					18	1,450	1,632	51,580	6,517	133,800	17,355	310,959	23,393	625,840
Wahnahta.....	127	6,365												
Waseca.....			3,194	40,548	14,750	410,662	27,188	544,792	48,131	850,070	66,350	1,207,898	64,907	1,770,781
Washington.....	1,218	15,689	7,827	122,388	11,016	383,650	19,407	479,353	32,102	720,840	41,314	890,284	44,179	1,669,805
Watsonwan.....					4,236	136,198	17,107	300,476	40,139	620,340	57,470	1,002,315	61,890	1,700,184
Wilkin.....					525	17,160	2,299	103,928	12,853	353,237	26,400	707,751	29,624	1,320,214
Winona.....			10,283	156,902	26,739	1,144,203	42,885	921,777	66,419	1,107,770	82,325	1,374,816	101,989	2,638,487
Wright.....			7,633	90,967	12,699	252,292	43,855	628,392	61,228	985,745	90,307	1,588,748	108,341	3,145,098
Yellow Medicine...							12,685	315,990	41,773	827,690	70,333	1,212,757	77,272	2,404,291
Indian Reservations.											3,759	93,774		
Totals for the State on farms and ranges..	3,690	\$92,859	251,214	\$3,642,841	686,556	\$20,118,841	1,574,364	\$31,904,821	3,097,363	\$57,725,683	4,610,799	\$86,620,643	5,269,040	\$156,771,855
Totals for the State not on farms and ranges.....											156,215		151,617	\$ 12,862,351
Grand Total.....											4,767,014		5,420,657	\$169,634,206

Note: The total values given for 1890 and 1880 and 1870 seem to include values of poultry and bees as well as domestic animals.

Note: The Census of 1870 (page 75) gives the number of horses not on farms as 9,667 in 1870, and 8,063 in 1860.

The same table gives the number of cattle not on farms as 54,862 in 1870, and 29,823 in 1860.

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B.S. Pl.

